

ba bankersadda.com

December 2016 - ₹ 40

REG. No. DL(E)-20/5496/2016-18
RNI REG. No. DELENG/2015/65200

COMPETITION POWER

Your Guide to Government Jobs & All other Competitive Exams

What's There

G.K. Hindu Review: October
Current Affairs Zinger: September

HANDY NOTES & QUIZZES :

- Profit & Loss
- Maxima and Minimar
- PUZZLES
- Conjunctions
- Computer Terminologies
- ALL ABOUT ATM'S
- Mughals Part - 2
- SSC 2016-17 CALENDER
- Twisted Ones

PRACTICE SETS:

- SSC-CGL (TIER-II)
- English Language Practice Set
- IBPS CLERK 2016 - PRELIMS
- IBPS PO 2016 PRE.- MEMORY BASED MOCK
- IBPS PO 2016 - MAINS
- IBPS RRB PO - MAINS



INSIDE
SSC
CALENDER 2016-27

Newsmakers

- ⇒ And the Nobel Prize 2016 goes to
- ⇒ 8th Brics Summit 2016 Concluded In Goa
- ⇒ ISRO's PSLV C-35 placed the SCATSAT-1 weather satellite in orbit
- ⇒ Fourth Bi-monthly Monetary Policy announced
- ⇒ GSAT-18 launched from Kourou in French Guiana

Content Partners



CAREER POWERTM
AN IIT/IIM ALUMNI COMPANY
Premier Institute for All Govt. Competitive Exams



bankersadda.com



sscadda.com

From the Editor's Desk

Dear Readers,

Bankers Adda in collaboration with Career Power brings to you **Competition Power (December Edition)**. The reason why this collaboration is so important and a landmark event as both BA and Career Power has had a long and extremely successful association with students appearing for competitive exams.

This magazine includes various initiatives that cover various aspects of Banking and SSC exams in an exhaustive manner.

Keeping in mind the upcoming exams, we have covered Current Affairs for not only the month of **October** but also for the month of **September** under the name "**Current Affairs Zinger**". To make learning easy for the students we have also introduced another initiative by the name "**NEWS MAKER OF THE MONTH**" which covers all the important people, appointments, awards, etc that have made news.

Having covered the GK and CA portion in an exhaustive manner, we have also given equal importance and focus to all the other aspects of the exams, be it Covering each aspect of the various subjects (like reasoning, english, quant, computers) right from building the student's concepts to helping him practice a few topics.or be it Interview Preparation or Guidance and boosting the confidence of students. We Have It All Covered!!!

Along with this we have also included **Mock Papers** on **IBPS PO MAINS PRACTICE SET, IBPS PO PRELIMS MEMORY BASED MOCK, IBPS CLERK PRELIMS MOCK, IBPS RRB PO MAINS MOCK AND SSC CGL TIER 2 ENGLISH LANGUAGE PRACTICE SET 2016** following the respective **exam pattern** for practice for our readers, so that they can increase their speed and accuracy. This edition of Magazine also includes a new series named "**Twisted Ones**" which will have questions with higher difficulty level.

Basically this magazine is a one stop place for all those preparing for government sector competitive exams. Within few months of its launch, it has become quite popular among the students, who love to refer to it for their exams.

We believe that each and every student has the hidden potential to reach the unattainable heights, and it is our responsibility to provide them with a platform that hones their skills enabling them to overcome each and every challenge that comes their way while appearing for these exams.

Having said this I would like to give special thanks to the specialized mentors of Bankers Adda and Career Power team for providing us with the needed support and making this magazine a success.

Good Luck And God Bless

Team Competition Power !!

WHAT'S THERE?

≡ **Motivational Articles** | 4
 ≡ **Success Story** | 8
 ≡ **Handy Notes & Quizzes** :
 - Profit & Loss | 28
 - Maxima and Minima | 30
 - PUZZLES | 31
 - Conjunctions | 31
 - Computer Terminologies | 34
 - ALL ABOUT ATM'S | 35
 - Mughals Part - 2 | 36
 ≡ **SSC 2016-17 CALENDER** | 39
 ≡ **GK Hindu Review : October** | 40
 ≡ **Current Affairs Zinger : September** | 45
 ≡ **Twisted Ones** | 59-66
 ≡ **DESCRIPTIVE ENGLISH : Important Essay Topics** | 67

NEWSMAKERS OF THE MONTH | 5-7 CURRENT AFFAIRS | 9-27

India In News | State In News | News From The Banking Sector News
 Related To Indian Economy | Business News | Agreement | Mou Signed
 | Committees In News |
 Ranks And Reports | Pm Visits | New Appointments | Obituaries |
 Awards | Defence | Sports News & more

MOCK PAPERS & PRACTICE SETS | 68-137
 SSC-CGL (TIER-II) - ENGLISH LANGUAGE PRACTICE SET - 68
 IBPS CLERK 2016 - PRELIMS : PRACTICE SET - 82
 IBPS PO 2016 PRE.- MEMORY BASED MOCK held on 16th Oct.- 92
 IBPS PO 2016 - MAINS : PRACTICE SET - 102
 IBPS RRB PO - MAINS: PRACTICE SET - 123

Volume No. -1 December 2016 Issue - 14

Chief Editor: Gopal Anand

Team: Prashant, Saurabh, Meena, Aniket, Neeraj,
 Veer, Vandana, Ashish, Swati & Team

Circulation & Sales Manager: Rajat Mehra

Contact No: 8750044896

Published and Printed by Anil Nagar

On behalf of Metis Eduventures Pvt. Ltd.

Printed at All Time Offset Printer,

F-406, Sector-63, NOIDA (U.P.)

Published at 705-706, 7th Floor, Roots Tower,

Laxmi Nagar District Centre, Delhi-92

Email: info@careerpower.in

Website: www.bankersadda.com &

www.careerpower.in

Motivational : Work HARD, Dream BIG

Success is not final.
Failure is not fatal.
It is the courage
to continue that counts.
Winston Churchill

“Failure is only the opportunity to begin again more wisely”

The above maxim is apt for all those who are feeling dejected after many results published recently. But friends, as we have said earlier, this failure is also nothing but an opportunity to begin again. So, forget the failures of the past and brush up yourself for the bigger and better opportunities that the future holds for you. You just need to identify the right one for you. Many recruitment vacancies are out and you just have to strike one with full force.

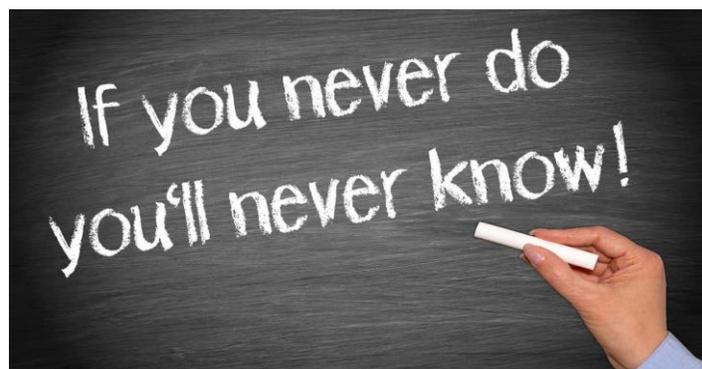
Most of you must have realized that a little more efforts and practice would have let you cross the winning line successfully. But friends, don't get disheartened, rather get up and prepare yourself for the future opportunities. Yes, the competition would be tougher this time! Yes, the number of candidates would also be higher this time! But remember, if you'll keep preparing sincerely, your proficiencies and competencies will also be more vigorous this year! If you had prepared sincerely for government jobs, you would be well versed with all the happenings around the world, your formulae and concepts of quantitative aptitude and reasoning ability would be lucid enough to be applied in exam. Your vocabulary would be brushed up. So, in a nutshell, your base is ready, all you need is an icing on the cake, in order to taste the sweet success in the exam and the ultimately in your life.

The only real failure in life
is the failure to try.

Whatever be the pattern of examination, you are well aware of that. So as we have referred in our previous articles as well, ‘no failure is final until you stop trying’, it's time to boost your morale and muster all strength and capabilities for the bigger battle ahead. Last but not the least, Keep working hard, work on your deficiencies and give as many mocks as you can because ‘the more you sweat in peace, the less you bleed in war’. Stay dedicated, and ultimately you'll surely be anointed with success and reverence in life.

**"Most great people
have attained
their greatest
success just one
step beyond their
greatest failure."**

- Napoleon Hill



NEWS MAKERS OF THE MONTH – OCTOBER 2016

And the Nobel Prize 2016 goes to

Alfred Nobel (1833-1896) Established the Nobel Prizes "for the Greatest Benefit to Mankind" Since 1901, the Nobel Prize has been honoring men and women from all corners of the globe for outstanding achievements in physics, chemistry, physiology or medicine, Economics, literature, and for work in peace. The foundations for the prize were laid in 1895 when Alfred Nobel wrote his last will, leaving much of his wealth to the establishment of the Nobel Prize.

The 2016, Nobel Prize winners are:

Economics

Two U.S.-based economists, **Oliver Hart (U.K) of Harvard University and Bengt Holmstrom (Finland) of MIT** have been awarded the 'Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel' for their



contributions to contract theory.

Peace

Colombian President Juan Manuel Santos has been awarded the Nobel Peace Prize for his efforts to end the 52-year conflict with left-wing rebels. The Nobel committee in Norway praised him for his peace agreement with FARC rebels, signed last month after four years of negotiations.



Medicine

Japan's Yoshinori Ohsumi, a cell biologist specializing in autophagy, has received the 2016 Noble Prize for Medicine. He has received the award "for his discoveries of mechanisms for autophagy". Ohsumi is a professor in Tokyo Institute of Technology's

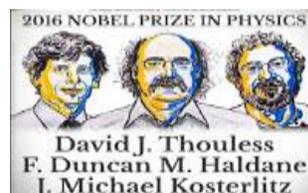


Frontier Research Center.

Physics

The 2016 Nobel Prize in physics was awarded to three

physicists who used advanced mathematical methods to study exotic states of matter.



The prize goes jointly to **David J. Thouless of the University of Washington in Seattle, F. Duncan M. Haldane of Princeton University in New Jersey, and J. Michael Kosterlitz of Brown University in Rhode Island.** The three physicists discovered a mathematical framework in the field of topography, to explain unexpected properties of solid materials.

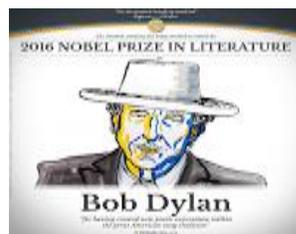
Chemistry

The Nobel Prize in Chemistry for 2016 has been awarded to Jean-Pierre Sauvage, Sir J. Fraser Stoddart and Bernard L. Feringa for developing the molecular machine. The three scientists will equally share the prize of 8 million Swedish kronor, or about \$930,000.



Literature

American singer-songwriter Bob Dylan has been awarded the Nobel Prize in Literature 2016 "for having created new poetic expressions within the great American song tradition". Dylan, 75, has won numerous awards, including twelve Grammys and one Academy Award.



Fourth Bi-monthly Monetary Policy announced

Based on an assessment of the current and evolving macroeconomic situation, the Monetary Policy Committee (MPC) decided to:



• reduce the policy repo rate under the liquidity adjustment facility (LAF) by 25 basis points from 6.5 per cent to 6.25 per cent with immediate effect.

Consequently, the reverse repo rate under the LAF stands

adjusted to 5.75 per cent, and the marginal standing facility (MSF) rate and the Bank Rate to 6.75 per cent.

This was done with the objective of achieving consumer price index (CPI) inflation at 5 per cent by Q4 of 2016-17 and the medium-term target of 4 per cent within a band of +/- 2 per cent, while supporting growth.

Facts to look at:

- Retail inflation measured by the headline CPI had been elevated by a sharp pick-up in the momentum of food inflation overwhelming favourable base effects during April-July.
- The level of foreign exchange reserves rose to US\$ 372 billion by September 30, 2016 – an all-time high.
- The projection of growth of real gross value added (GVA) for 2016-17 is retained at 7.6 per cent, with risks evenly balanced around it.
- The next meeting of the MPC is scheduled on December 6 and 7, 2016 and its resolution will be announced on December 7, 2016.

8th Brics Summit 2016 Concluded In Goa

8th BRICS summit, Goa, India

Chaired by: Narendra Modi



The eighth BRICS summit which is an international relations conference & attended by the heads of country or heads of government of the five member countries Brazil, Russia, India, China and South Africa.

It was held at the Taj Exotica hotel in Benaulim, Goa, India. The theme for the summit was "Building Responsive, Inclusive and Collective Solutions". The next summit will be held in 2017 in China.

The representatives of Member Countries:

- Brazilian President: Michel Temer
- Russian President: Vladimi Putin
- India's PM: Narendra Modi
- China's President: Xi Jinping
- South Africa's President: Jacob Zuma

Note:

- The meet of agriculture ministers of BRICS nations concluded in New Delhi.
- The first trade fair of the BRICS countries, was held at Pragati Maidan exhibition ground, New Delhi
- The first BRICS U-17 Football Cup was held at Goa.

Goa Declaration

In this year BRICS summit, a statement was issued for the member states "strongly condemn terrorism in all its forms and manifestations and stressed that there can be no justification whatsoever." The members also agreed to set up a credit rating agency.

They also called on the BRICS' New Development Bank to focus on funding specific development priorities and to create a network of

angel investors. Other agreements included to set up research centres in the fields of agriculture, railways and a BRICS sports council.

The final communique focused on promoting "international norms that promote stability and inclusion in common spaces."

Besides this, first-ever BRICS-BIMSTEC Outreach Summit was also held on side-lines of 2016 BRICS Summit. Leaders from both forums planned to jointly explore possibilities of expanding ties between them on issues such as terrorism, economy, trade and connectivity. BIMSTEC stands for Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation. BIMSTEC member countries are Bangladesh, India, Myanmar, Sri Lanka, Thailand, Bhutan and Nepal.

CAREER POWER
AN IIT/IIM ALUMNI COMPANY

भारतीय डाक



India Post

PAYMENT BANK

COMBO (PRE+MAINS)
Online Test Series

Total Test: 20+15 Price: Rs.700/-
Visit: onlinestore.careerpower.in

GSAT-18 launched from Kourou in French Guiana

India's latest communication satellite GSAT-18 successfully launched by a heavy duty rocket of Arianespace from the spaceport of Kourou in French Guiana. It is built by the Indian Space Research Organisation+ (Isro), aims at providing telecommunications services for the country by strengthening Isro's current fleet of 14 operational telecommunication satellites.



It was inducted into the INSAT/GSAT system on October 06, 2016 from Kourou, French Guiana by Ariane-5 VA-231. Weighing 3404 kg at lift-off, GSAT-18 carries 48 communication transponders to provide Services in Normal C-band, Upper Extended C-band and Ku-bands of the frequency spectrum. GSAT-18 carries Ku-band beacon as well to help in an accurately pointing ground antennas towards the satellite.

GSAT-18 is designed to provide continuity of services on operational satellites in C-band, Extended C-band and Ku-bands. GSAT-18 was launched into a Geosynchronous Transfer Orbit (GTO) by Ariane-5 VA-231 launch vehicle. After its injection into GTO, ISRO's Master Control Facility (MCF) at Hassan took control of GSAT-18 and performed the initial

orbit raising maneuvers using the Liquid Apogee Motor (LAM) of the satellite, placing it in circular Geostationary Orbit.

The designed in-orbit operational life of GSAT-18 is about 15 years.

ISRO's PSLV C-35 placed the SCATSAT-1 weather satellite in orbit

India's Polar Satellite Launch Vehicle, in its thirty-seventh flight (PSLV-C35), launches the 371 kg SCATSAT-1 for weather related studies and seven co-passenger satellites into polar Sun Synchronous Orbit (SSO). Co-passenger satellites are ALSAT-1B, ALSAT-2B, ALSAT-1N from Algeria, NLS-19 from Canada and Pathfinder-1 from USA as well as two satellites PRATHAM from IIT Bombay and PISAT from PES University, Bengaluru.



SCATSAT-1 was placed into a 720 km Polar SSO whereas; the two Universities / Academic Institute Satellites and the five foreign satellites will be placed into a 670 km polar orbit. This is the first mission of PSLV in which payloads were launched into two different orbits.

PSLV-C35 was launched from the First Launch Pad (FLP) of Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota.

- Current Affairs & Daily GK Updates** for all government jobs.
- Competition Power monthly Magazine** so that you don't miss out on anything.
- Quick Quizzes** updated daily to help you practice more and excel.
- Topic-wise explanatory Videos** by expert faculties of Career Power.
- Latest Jobs, fresh Vacancy Alerts** and Result notifications.

The Learning App

Preparing for **Government Job Examinations?**

Download the Adda247 App and boost your chances.

An initiative of team

sscadda.com

bankersadda.com

Success Story : Nothing is Impossible

I am Swarnendu. You might be thinking that "Omg! Another success story", but chillax it will not be a story of boast of and the story of hard work and stressful battle. It is a true journey song of an Engineer from the field of diodes and triodes to banking. Though I have never liked engineering but I somehow managed to grab 3 jobs in my final campus placement in 2015 but my heart said to me, "Hey, you have got this job so easily. You should do better". So ,guys I have left them and started to think about which govt. job suits me better. As I knew I am not a true engineer so I never tried for GATE exam.



In this way, banking attracts me with its "lucrative package and perks". My first attempt was IBPS PO V and by gods' grace, I managed to clear written but due to my overwhelming joy and over confidence I lost it by a margin of 1 marks in the final list. In this case, we strugglers generally curse our luck and god and I also did the same. But, I was determined to achieve success in these govt exams and I again failed in UIIC and LIC AAO written exam too. I never gave up my fight and I knew success is a matter of 3 days (prelims , mains and interview). So I again started preparation but friends I was never been among the top 5 percentile students of any mock tests.

I just focused on consistency and analysis of my weakness. Then SBI PO mains exam day came and seriously it just landed a big punch to my face, but as I decided not

to give up, I analysed the whole paper and came up with decent attempts and finally after clearing GD and interview successfully now I am PO in SBI. When I found my roll no. on that final pdf, I could not believe my eyes, I never thought about the packages and perks, I started loving this sector because of the good things like responsibility, social cause and somehow my determination, motivation and eagerness moved God.

So, friends, never lose your faith in God and in yourself. Believe in yourself and be loyal to yourself and stay motivated whenever. I will not tell you about how you study and in which way you should prepare yourself because I know you all are self-sufficient and you all have potential and I also believe all 4767 people who had made it to the interview phase of SBI PO are equally great and talented. I am also thankful to Career Power Kolkata for their immense help towards me and my batch mates during interview preparation for IBPS and SBI. Thank you, sirs and madams, and friends I will be very much glad to see your success story in upcoming exams. I believe that if I can achieve this, anyone can do it -" NOTHING IS IMPOSSIBLE ".



Regards,
Swarnendu Dey

CURRENT AFFAIRS : OCTOBER 2016

INDIA IN NEWS

Union Cabinet clears new India-Cyprus DTAA

The Cabinet has approved a revised Double Tax Avoidance Agreement (DTAA) between India and Cyprus that provides for source-based taxation of capital gains on transfer of shares instead of one based on residence.

Race Course Road renamed as Lok Kalyan Marg

Prime Minister's residential address will now be 7 Lok Kalyan Marg and not the famous Race Course Road with the authorities has approved the renaming of the iconic British-era road in posh Lutyens' Delhi.

Mohammad Bin Zayed chief guest for Indian Republic Day

Indian government has invited the Crown Prince of Abu Dhabi Sheikh Mohamed bin Zayed Al Nahyan to be the next Chief Guest at India's Republic Day parade of 2017. This is the first time that a leader of the United Arab Emirates will be honoured with the invitation of being the Chief Guest at India's Republic Day parade.

India ratifies historic Paris climate deal at UN

India formally joined the Paris Climate Change Agreement by submitting its instrument of ratification in New York (UN Headquarter).ii. India became the 62nd country to ratify the agreement. COP22 will take place at Marrakech in Morocco , 2016.

India, Singapore sign three agreements

India and Singapore have signed 3 agreements, including two in the area of skill development, following delegation-level talks headed by Prime Minister Narendra Modi and Singapore Premier Lee Hsien Loong. The third MoU was signed in the field of industrial property cooperation.

IMF revises India's economic growth upwards to 7.6% for FY17 and 18

International Monetary Fund has raised projections for India's economic growth by 0.2 percentage points to 7.6% for 2016-17 and 2017-18. The headquarter of IMF is in Washington, D.C.

Election Commission of India collaborates with Facebook to register young voters

Social networking site Facebook is collaborating with the Election Commission of India in five states ,which are going to polls next year, to run a voter registration drive aimed at

encouraging youth to participate in the democratic exercise.

Government integrates 250 mandis in 10 states with e-agriculture market in 1st phase

Government has integrated 250 mandis in 10 states with the electronic national agriculture market (e-NAM) in the first phase. In April, Prime Minister Narendra Modi launched the e-NAM on a pilot basis with 22 mandis in eight states.

India's first international arbitration centre inaugurated by Devendra Fadnavis

Maharashtra CM Devendra Fadnavis inaugurated India's first centre for international arbitration in Mumbai. The MCI (Mumbai Centre for International Arbitration) will be governed by a 17-member governing council.

Union Power Minister assures electricity for all by May 2017

Union Power Minister Piyush Goyal assured that India would have 100 per cent electrification for all by May 1, 2017. He also launched the Urban Jyoti Abhiyaan Mobile (Urja) app, developed by the state-run Power Finance Corporation, to enhance consumer connect with the urban power distribution sector.

BHEL commissions another 660 Mw thermal unit in UP

State-run BHEL has commissioned 660 Mw coal-based supercritical thermal power unit in Uttar Pradesh. The unit has been commissioned at the 3x660 Mw Prayagraj super thermal power project, located in Bara tehsil in Allahabad district of Uttar Pradesh.

India now the 12th largest holder of US govt bonds

India's holdings of the US government bonds touched a high of \$123.7 billion in July, making it the 12th largest holder, US Treasury Department's latest data showed.

India donates Rs. 9.3 million to Mandela Foundation

India donated Rs. 9.3 million to the Nelson Mandela Foundation to help it in its welfare work for the people of South Africa.

PM Narendra Modi inaugurates Shaurya Smarak in Bhopal

Prime Minister Narendra Modi inaugurated 'Shaurya Smarak', the war memorial in Bhopal, Madhya Pradesh.

Dharmendra Pradhan launches National Seismic Programme in Mahanadi Basin

Dharmendra Pradhan, Minister of State (with Independent charge) for Petroleum and Natural Gas, launched the National

Seismic Programme (NSP) on Mahanadi basin (onshore) in Odisha.

India decided to eliminate potent greenhouse gas HFC-23 by 2030

India announced its decision to eliminate the HCF-23 gas. The announcement was made by Minister of State Environment, Forest and Climate Change (MoEFCC), Anil Dave at Kigali, Rwanda, at a meeting of parties to the Montreal Protocol, where final negotiations are taking place to substantially reduce the use of HFCs (hydrofluorocarbons) by 2030.

Union Government has launched Mining Surveillance System

The mines ministry came out with mining surveillance system (MSS), a pan-India surveillance network using latest satellite technology, to check illegal mining. MSS is a satellite-based monitoring system, which aims to check illegal mining activity through automatic remote-sensing detection technology.

STATES IN NEWS

TN government for Thaaliku Thangam scheme under marriage assistance programme

Tamil Nadu government has allotted Rs 204 crore towards the implementation of the enhanced gold scheme under a marriage assistance programme. Rs 204 crore has been allotted for 'Thaaliku Thangam' (Gold for Mangalsutra) scheme for the year 2016-17 to benefit 12,500 women.

Madhya Pradesh passes GST Amendment Bill

Madhya Pradesh Assembly has passed the Goods and Service Tax (GST) Constitution Amendment Bill. MP became the seventh state in the country to ratify the historic tax amendment bill.

Rajasthan replaces 5 lakh streetlights with LED bulbs

Rajasthan becomes the first state to adopt Centre's Street Lighting National Programme (SLNP) in all its urban local bodies (ULB). Almost 5 lakh conventional streetlights have been replaced with LED streetlights across the state. The project has been funded by Energy Efficiency Services Limited (EESL).

MP to launch 'Lalima Abhiyan' to make state free from anaemia

With an aim to make Madhya Pradesh anaemia-free, the state government has decided to launch a scheme-'Lalima Abhiyan'-that will be effective from November 1. Under the campaign, free iron folic acid tablets will be provided in aagan wadis', academic institutions and hospitals.

Special trees in Delhi to get 'natural heritage' tag

The 16 trees located in Aravali and NCR to be notified as "protected" natural heritage, on the lines of recognising special monuments in Delhi, announced by Delhi Cabinet Minister Kapil Mishra. Some of the trees in the list are banyan, ailanthus, mango, arjuna, and ashok.

Telangana ties up with ISRO for bandwidth to telecast coaching programmes

Telangana Government has signed an agreement with the Indian Space Research Organisation (ISRO) to get bandwidth to telecast Mana TV programmes. The TV channel will air coaching programmes for students appearing for various competitive examinations to get government jobs.

Arunachal CM flags off all-women Mt Gorichen expedition

Arunachal Pradesh Chief Minister Pema Khandu lagged off an all-women Mt Gorichen expedition in Itanagar. This will be the first all women team attempting to summit the second highest peak of the state, which is considered as a technical peak and only seasoned climbers can make it to the top (6,488 m).

Delhi Police launches mobile app for senior citizens

Delhi Police has launched a mobile application for senior citizens to enable them to reach out to the police quickly in emergency situations. The application 'Delhi Police Senior Citizen' was launched by Delhi Lt. Governor Najeeb Jung and Police Commissioner Alok Kumar Verma.

Jharkhand becomes first state to launch Direct Benefit Transfer in Kerosene

Jharkhand has become the first state in the country to implement Direct Benefit Transfer in Kerosene. The scheme is being implemented in four identified districts of the State from October 1.

Maharashtra becomes 17th state to join UDAY Scheme

Maharashtra became the 17th state to Central Government's Ujwal Discom Assurance Yojna (UDAY) scheme. It will help Maharashtra to reap benefits worth Rs 9,725 crore by way of cheaper funds, transmission losses, energy efficiency and coal reforms during the period of the turnaround.

World Bank will invest nearly 1,000 crore rupees in Assam

World Bank will invest nearly 1,000 crore rupees in Assam for the betterment of the inland waterways. The central government has also assured to re-construct jetty for which 100 percent assistance will be given by the Centre.

Telangana gets 21 new districts

Nearly two-and-half years after it came into existence as India's 29th state, Telangana's map was redrawn on 11 October 2016 with the creation of 21 new districts. With these, the total number of districts of the youngest state of India went up to 31.

Cabinet approves setting up of IIM Jammu

The Cabinet approved the setting up of an Indian Institute of Management in Jammu as part of PM Narendra Modi's development package for Jammu and Kashmir. The government recently set up an Indian Institute of Technology in Jammu.

World Bank will invest nearly 1,000 crore rupees in Assam

World Bank will invest nearly 1,000 crore rupees in Assam for the betterment of the inland waterways. The central government has also assured to re-construct jetty for which 100 percent assistance will be given by the Centre

Charkhi Dadri is state's 22nd district

Chief Minister Manohar Lal Khattar today announced Charkhi Dadri as 22nd district of Haryana. At present, Charkhi Dadri is part of Bhiwani, the state's largest district carved out on December 22, 1972.

'Selfie with toilet' to boost Swachh Bharat in Ludhiana

To make the Swachh Bharat Mission successful and encourage people to use clean toilets, the Ludhiana district administration has started a 'Selfie with my Shauchalya' campaign. Under the initiative, beneficiaries of toilets provided by the Punjab government and Bharti Foundation had been urged to click a selfie with their toilets.

BANKS IN NEWS

Andhra Bank ties up with Cigna TTK, Reliance General Insurance

Andhra Bank has entered into corporate agency agreements with Cigna TTK Company Ltd, and Reliance General Insurance Company Ltd for providing health and general insurance respectively, to its customers. This will provide mutual benefit to the bank and insurance companies in tapping the potential in the market and also help in increasing the insurance coverage

ftCash, ICICI Bank team up to launch UPI for micro-merchants

Mobile payments and loans start-up ftcash, backed by IvyCap Ventures, is the first fintech start-up to launch Unified Payment Interface (UPI) for merchants in association with ICICI Bank. ftcash is a virtual POS for micro-merchants to accept payments through credit cards, debit cards, and wallets such as

Freecharge, Mobikwik, and PayPal, among others.

Karnataka Bank inks distribution pact with Birla Sun Life AMC

Karnataka Bank Ltd has inked a memorandum of understanding with Birla Sun Life Asset Management Company for distribution of mutual fund products.

Arundhati Bhattacharya Gets Year-Long Extension As SBI Chief

Arundhati Bhattacharya will remain the chairperson of the State Bank of India (SBI) for another year. She will oversee the merger of 6 smaller commercial banks into the country's largest lender.

RBI announces 4th Bi-monthly Policy Statement

RBI's 24th Governor Urjit Patel, who has been recently appointed, has announced his first and country's 4th Bi-monthly Policy Statement for the year 2016-17. RBI has reduced the policy Repo Rate under the liquidity adjustment facility (LAF) by 25 basis points from 6.5% to 6.25% with immediate effect.

SBI becomes first domestic bank to open branch in Yangon

State Bank of India announced its entry into Myanmar by opening a branch in the capital city of Yangon, becoming the first domestic lender to do so. The Yangon branch is the 54th foreign branch of the nation's largest lender.

Standard Chartered Bank forms tie-up with Uber

Standard Chartered Bank has announced a tie-up with Uber under which its credit cardholders, across six countries, will get a cash-back of up to 25 per cent for hailing cabs from the app. In India, the cardholders will get a 20 per cent cash-back on all Uber rides, subject to a cash—back cap of Rs. 600 per month.

Bank of Baroda signs brand endorsement with Sindhu, Srikanth

Bank of Baroda sealed a principal sponsorship contract with badminton Olympians P V Sindhu and K Srikanth. The three-year deal with the two players was agreed in-principle before they represented and made India proud on the international stage at the Rio 2016 Olympics.

Bank of Maharashtra renews tie-up with United India Insurance

State-run Bank of Maharashtra has renewed its corporate agency tie-up with United India Insurance Company. Customers can buy the entire gamut of UIIC products at any of the 1,896 branches of the bank across the country.

ICICI Bank first Indian lender to execute Blockchain transaction

ICICI Bank has become the first Indian lender to complete a banking transaction using Blockchain technology. This

remittance transaction has been completed in partnership with Emirates NBD, a lender from the West Asia.

Punjab National Bank appointed Virat Kohli as its new brand ambassador

Punjab National Bank has roped in Indian test skipper Virat Kohli as brand ambassador to improve its image which has taken a hit due to rising bad loans.

Vijaya Bank rolls out 3 new apps

Vijaya Bank has launched 3 innovative information technology products. The new IT products, according to Kishore Sansi, Managing Director and CEO of Vijaya Bank, are: VPAYQWIK, Vijaya *99# and V-eConnect+.

New ED for Syndicate Bank

SS Mallikarjuna Rao has taken charge as executive director of Syndicate Bank. Prior to joining the bank, Rao was General Manager and CFO of Oriental Bank of Commerce (OBC), looking after alternate delivery channels, marketing and publicity.

Federal Bank launches FederalSkill Academy at Coimbatore

Federal Bank has launched its second FederalSkill Academy at Coimbatore, Tamil Nadu as part of its CSR initiatives.

HDFC Bank named India's most valuable brand

HDFC Bank has emerged as India's most valuable brand for the third consecutive year, ranking first on the BrandZ Top 50 list released by WPP Group. HDFC Bank was followed by Airtel and SBI in the list.

In the First half, Bank deposits cross Rs 100 lakh crore

According to the data released by the RBI, India's banking system reported total deposits of Rs 100 lakh crore for the first time ever in September month of this year. With demand deposits crossing Rs 10 lakh crore and time deposits crossing the Rs 90 lakh crore mark, the month saw the highest-ever monthly rise of Rs 5.32 lakh crore.

Kotak Mahindra Bank Launches App To Open Accounts

Kotak Mahindra Bank has launched an application "Kotak Now" that would allow new customers to open an account in a simpler and cost-effective manner. This is for the first time that a domestic private sector lender has come up with such a facility, where a customer can open a bank account using its application.

ECONOMY NEWS

Govt appoints ICICI Prudential AMC to manage new CPSE ETF

Department of Investment and Public Asset Management,

Ministry of Finance has appointed ICICI Prudential Asset Management Company Ltd as the asset management company for the creation and launch of a new Exchange Traded Fund (ETF).

Project Saksham approved by CCEA

Project Saksham, a new indirect tax network of the Central Board of Excise and Customs (CBEC), has been approved by the Cabinet Committee on Economic Affairs (CCEA) chaired by Prime Minister Narendra Modi. The total cost of the project is estimated to be Rs 2256 crore, which will be incurred over a period of 7 years.

Government decides to raise EPFO investment in ETF

Government has decided to raise the Employees Provident Fund (EPF) investment in Exchange Traded Funds (ETF) from present 5% to 10%. Shri Bandaru Dattatreya, the Minister of State (IC) for Labour and Employment announced that the decision has been taken considering the good returns in ETF.

Finance Ministry to set up public debt management cell

Union Finance Ministry has constituted a Public Debt Management Cell (PDMC). The cell was created to streamline government borrowings and better cash management with the overall objective of deepening bond markets. The Joint Secretary (Budget), Department of Economic Affairs, Ministry of Finance would be the overall in-charge of the ODMC.

Cabinet approves pact between EXIM Bank, NDB

Union Cabinet approved a pact between Export-Import Bank of India and BRICS-promoted New Development Bank, along with other development financial institutions of member nations, with an aim to strengthen trade and economic ties.

Forex reserves touch record high of \$372 billion

India's foreign exchange reserves scaled a new high of USD 371.99 billion. The reserves had risen by USD 1.166 billion to USD 370.766 billion. Previously, they had touched a high of USD 371.279.

Pound crashes 6% in 2 minutes

The pound saw a sudden collapse in intra-day trade on 08 October 2016, plunging over 6% to \$1.1841 in two minutes, to hit a fresh 31-year-low. This reportedly followed a 'flash crash' driven by a technical glitch that created a lot of computer-driven orders.

Rs.114 cr approved for HRIDAY projects

Union Ministry of Urban Development has approved projects

worth Rs.114 crore under HRIDAY scheme for improving infrastructure facilities around core heritage sites in five cities. The five cities are: Varanasi (Uttar Pradesh), Amritsar (Punjab), Dwaraka (Gujarat), Puri (Odisha) and Warangal (Telangana).

CCEA approves revision of ethanol prices for supply to Public Sector Oil Marketing Companies

CCEA approved the mechanism for revision of ethanol price for supply to Public Sector Oil Marketing Companies (OMCs) to carry out the Ethanol Blended Petrol (EBP) Programme. The administered price of ethanol for the Programme will be 39 rupees per litre for the next sugar season from 1 December 2016 to 30 November 2017.

India's GDP to grow by 8% over next few yrs: S&P

Standard & Poor's (S&P) Global Ratings has forecasted a "relatively high quality and steroid-free" GDP growth of 8% for India over the next few years. This would be backed by a broadening consumption base.

ADB approves \$631 million loan for Vizag-Chennai industrial corridor

Asian Development Bank (ADB) has approved a \$ 631 million loan to develop the proposed Vishakhapatnam- Chennai industrial corridor, the first such along a coastline in India.

BSE ties up with Twitter to provide live stock updates

Investors can now track BSE updates real-time on Twitter by following the official Bombay Stock Exchange account. The investors can now get live updates of BSE Sensex levels, stock prices and opening and closing figures of Sensex companies.

Govt merges Railway Budget with Union Budget

The Cabinet approved the scrapping of the 92-year old practice of presenting a separate Railway Budget and merged it with the Union Budget. Cabinet also approved the advancing of the date of presentation of the Union Budget to February 1, as against the current practice of presenting it on the last working day of February.

Centre announces new list of 27 smart cities

Prime Minister Narendra Modi's constituency Varanasi made it to the list of 27 Smart Cities that was announced. Vadodara, Agra, Nagpur, Ajmer, Amritsar, Gwalior, Thane and Thanjavur are some of the other cities that have been named. The 27 cities will require the investment of Rs 66,883 crore.

Government approves 9 highway projects worth Rs 2,600 cr

The central government has approved nine highway projects at

a cost of Rs 2,600.31 crore. These projects include Rehabilitation and Up-gradation of Allahabad-Mirzapur section of NH-76 in Uttar Pradesh to 2-lane.

Govt to expand DBT to 147 schemes by next March

Government plans to double the number of schemes under DBT to 147 by March and has launched pilots for paying subsidy on food, kerosene and fertiliser directly via bank accounts of beneficiaries. Benefits and subsidies in as many as 74 schemes of 17 government departments and ministries were paid directly to beneficiaries under DBT.

BUSINESS NEWS

Wipro acquires Chinese FMCG brand

Wipro Consumer Care & Lighting signed a pact to acquire 100% shareholding in Zhongshan Ma Er Daily Products to boost its presence in the fast-growing toiletries and liquid detergent space in south China.

Microsoft Signed Adobe For Azure Cloud Computing Services

Tech giants Microsoft and Adobe has announced a major partnership to promote the use of each other's cloud-computing tools among their mutual customers.

Facebook, Amazon, Google, IBM and Microsoft on one Artificial Intelligence platform

Facebook, Amazon, Google, IBM and Microsoft, have joined hands to announce a historic partnership on artificial intelligence (AI) and machine learning. These companies will discuss advancements and conduct research in AI and how to develop best products and services powered by machine learning.

HCL and IBM enter 15-year partnership

HCL and IBM have entered into a 15-year partnership for automation, development and operations. This partnership will enable the both companies to focus their technical teams on native cloud and cognitive solutions, as well as industry-specific opportunities.

Reliance ties up with Dassault to execute Rafale offsets

Dassault Aviation of France has entered into a partnership with Reliance group to execute offsets for the recently concluded deal for 36 Rafale fighter jets. This is the largest offset contract to be executed by any defence company in India till date.

Google rolls out travel app

Google Inc. has rolled out Google Trips, a new travel app that

lets users plan each day of their trip and help them manage travel reservations.

Flipkart becomes 1st e-commerce in India to cross 100 million customers

Flipkart has crossed the 100-million registered users mark, becoming the first e-commerce company in the country to hit the milestone. The Bengaluru-based company has doubled its user base over the last year.

Valvoline ropes in Virat Kohli as brand ambassador

Valvoline Cummins India has signed up India Test captain Virat Kohli as its ambassador. As part of the association, Kohli will be the face of Valvoline engine oils and lubricants range.

Market capitalization : Infosys loses fifth spot to ONGC

Data from BSE showed that Oil and Natural Gas Corp. Ltd (ONGC) beat India's second largest software exporter Infosys Ltd to become the fifth most valuable company in India by market capitalization.

Ashok Leyland launches first India-made electric bus

Hinduja Group flagship Ashok Leyland launched - Circuit - the first "Made in India" electric bus. The bus with a minimum seating capacity of 35 to a maximum of 65 can run up to 120 kilometres on a single recharge under standard test conditions.

Cipla signs deals to set up first biosimilars units in South Africa

Indian pharmaceutical major Cipla has signed a memorandum of agreement for South Africa's first biosimilars manufacturing facility to be set up at a cost of nearly USD 91 million. The agreement with KwaZulu-Natal Dube Trade Port Special Economic Zone for Cipla BIOTEC's new facility was concluded on the margins of BRICS Summit in Goa.

AGREEMENTS/MOU SIGNED

IOCL, GAIL sign MoU for taking equity stake in Dhamra LNG terminal

Indian Oil Corporation Limited (IOCL) and GAIL (India) Limited signed a MoU with Dhamra LNG Terminal Private Limited (DLTPL) for taking equity in the 5 MMTPA capacity LNG Receiving, Storage and Regasification Terminal.

Chandigarh Administration, French Development Agency sign MoUs

Chandigarh Administration and French Development Agency (AFD) signed a MoU on Chandigarh Smart City Project and 'Technical Cooperation' in the field of Sustainable Urban

Mobility.

Cabinet approves MoU with Singapore for industrial property cooperation

Union Cabinet has given its formal nod for cooperation between India and Singapore on industrial property rights intended to boost innovation, creativity and technological advancement in both countries.

IWAI inks 3 MoUs with DCI and MPT for inland water transport

Inland Waterways Authority of India (IWAI) has signed three separate MoUs with Dredging Corporation of India (DCI) and Mormugao Port Trust (MPT) to accelerate the development of inland water transport sector as an alternative mode of transport in Panaji.

3 agreements between India & Switzerland on Mutual Visa Exemption Return

The agreements signed in the field of:

1. Mutual Visa Exemption Agreement for Holders of Diplomatic Passports.
2. Technical Arrangements on Identification and Return of Illegal Migrants and Arrangement for Dependent Person of Diplomatic, Consular, Technical and India & Switzerland.
3. Administrative Staff of Diplomatic and Consular Mission to Perform Gainful Employment.

Doordarshan, IGNOU sign agreement for telecast of Gyan Darshan channels

Doordarshan and Indira Gandhi National Open University (IGNOU) have entered into an agreement for transmission of four Gyan Darshan educational channels.

Punjab Agricultural University signs MoU with FieldFresh to promote crop research

Punjab Agricultural University and FieldFresh Foods, a joint venture between Bharti Enterprises & Del Monte Pacific Limited have signed a MoU to carry out a corn productivity research programme. The MoU follows the agreement signed recently between Cambridge University and Bharti Foundation to fund the research Programme.

Rafale deal cleared

The government has cleared the much-anticipated deal with France for 36 Rafale fighter jets which will cost 7.878 billion Euros.

SIEMA inks pact with Anna varsity

Southern India Engineering Manufacturers' Association (SIEMA)

has inked an agreement with Anna University, Regional Campus, Coimbatore (AURCC) to work jointly on projects required for industries.

India-Russia sign agreement to produce Ka-226T helicopters jointly

On the birthday of India's Missile man A. P. J. Abdul Kalam, India and Russia formally inked the agreement for five S-400 Triumf air defence systems and four stealth frigates and a joint venture to manufacture Kamov-226T helicopters in India.

COMMITTEES

Committees for the birth centenary of Pandit Deendayal Upadhyay

PM, Shri Narendra Modi, has approved the constitution of two committees for the commemoration of the birth centenary of Pandit Deendayal Upadhyay. PM will chair a 149 member National Committee while the Home Minister, Shri Rajnath Singh, will chair a 23 member Executive Committee.

Centre constitutes Insolvency and Bankruptcy Board of India

The Centre has constituted a four-member Insolvency and Bankruptcy Board of India (IBBI) under the Chairmanship of M.S. Sahoo. The oath of office was administered by Finance and Corporate Affairs Minister Arun Jaitley in New Delhi.

Centre appoints three members to Monetary Policy Committee

The Centre has appointed 3 members to the Monetary Policy Committee. They are Chetan Ghate, Professor, Indian Statistical Institute; Pami Dua, Director, Delhi, School of Economics; and Ravindra Dholakia, Professor, Indian Institute of Management, Ahmedabad. The members will have a term of four years.

NEW APPOINTMENTS

Sahoo is bankruptcy board chief

The Centre has appointed Madhusudan Sahoo as chairperson of Insolvency and Bankruptcy Board of India. Sahoo is at present a member of the Competition Commission of India.

Navtej Sarna appointed Ambassador to the US

India's High Commissioner to UK Navtej Sarna was appointed as Ambassador to the US. Mr Sarna is also a prolific author of many fiction and non-fiction books, the most recent being 'Second Thoughts: On Books, Authors and the Writerly Life' that was released last year.

Arun Goyal appointed Additional Secretary in GST Council

Senior IAS officer Arun Goyal has been appointed as Additional Secretary in the Goods and Services Tax (GST) Council. The Council, headed by Finance Minister Arun Jaitley, is mandated to decide on tax rate, exempted goods and the threshold limit.

Sanjiv Singh is new Chairman of IOC

Sanjiv Singh will be the new Chairman of Indian Oil Corporation Ltd. (IOC). IndianOil Corporation Ltd is India's largest commercial enterprise.

Anurag Srivastava appoints Ambassador of India to the Republic of Djibouti

Shri Anurag Srivastava, presently Ambassador of India to the Federal Democratic Republic of Ethiopia, has been concurrently accredited as the Ambassador of India to the Republic of Djibouti, with residence in Addis Ababa.

Ajay Singh elected BFI president

Uttarakhand's Ajay Singh has been elected president of the Boxing Federation of India. The Mumbai-based Jay Kowli won the post of secretary-general as the election process for the office-bearers of the new National federation was completed.

Jim Yong Kim re-appointed as World Bank President

Jim Yong Kim has been re-appointed for a second five-year term as World Bank president, beginning July 1, next year. The World Bank is an international financial institution that provides loans to developing countries for capital programs.

Obama nominates ambassador to Cuba

The United States President Barack Obama has appointed its first Ambassador Jeffrey DeLaurentis to Cuba in 55 years.

IPS officer OP Singh taking over as the new Director General of CISF

OP Singh, a 1983-batch officer of Uttar Pradesh cadre O P Singh took over as the new Director General of CISF. Prior to this serving as the Director General of National Disaster Response Force (NDRF).

Riyadh Mathew is new PTI Chairman

Riyadh Mathew, Director of Malayala Manorama, Chairman and Managing Director of Indian Express has been unanimously elected Chairman of Press Trust of India (PTI). He succeeds Hormusji N. Cama.

Shakti Sinha to head Nehru Memorial Museum and Library

Appointments Committee of the Cabinet approved the

appointment of retired IAS officer Shakti Sinha to the post of director, Nehru Memorial Museum and Library (NMML).

Somesh Sharma is INS President

Somesh Sharma of Rashtrdoot Saptahik has been elected President of The Indian Newspaper Society for the year 2016-17. He succeeds PV Chandran of Grihalakshmi (Mathrubhumi Group).

IOB gets new executive director

The Centre has appointed R Subramania Kumar as Executive Director (ED) of Indian Overseas Bank (IOB). Prior to this appointment, Kumar was Executive Director of Indian Bank.

Aditya Birla Retail appoints Mohit Kampani as CEO

Mohit Kampani, the former managing director of Spencer's Retail, will be joining Aditya Birla Retail as chief executive officer. Aditya Birla Retail Limited is the retail arm of Aditya Birla Group company.

Rajeev Sharma takes over as Power Finance CMD

Rajeev Sharma has taken over as the Chairman and Managing Director of state-run Power Finance Corporation (PFC) with effect from October 1st, 2016. He succeeds M K Goel who retired on attaining the age of superannuation.

R Ravindra concurrently accredited Ambassador to Guinea

Shri R Ravindra, presently Ambassador of India to the Republic of Cote d'Ivoire, has been concurrently accredited as the Ambassador of India to the Republic of Guinea. The Republic of Guinea is a country on the West coast of Africa.

KJ Yesudas, the brand ambassador of Kerala's Haritha Keralam project

Playback singer K J Yesudas has been roped in by the Kerala government as the brand ambassador of its ambitious 'Haritha Keralam' project. 'Haritha Keralam' (Green Kerala) project, a massive initiative envisaged for a garbage-free and clean state.

Prasar Bharati CEO Jawhar Sircar resigns

Jawhar Sircar has resigned as the Chief Executive Officer of Prasar Bharati Corporation. His resignation came 4 months ahead of the end of his tenure which was about to end in February 2017.

Sushil Chandra appointed CBDT Chairman

The Government has appointed Indian Revenue Service officer Sushil Chandra as the next chairman of the Central Board of Direct Taxes.ii. He will take over from the current CBDT

Chairperson Rani Singh Nair, who will retire on October 31. Chandra is currently posted as Member, CBDT.

Mohan Reddy appointed Hon. Consul of Germany

Germany has appointed former Nasscom Chairman B V R Mohan Reddy as an Honourary Consul of that country in Hyderabad. Mohan Reddy will be the Consul for Germany in Telangana and Hyderabad.

J&K Bank appoints Parvez Ahmed as Chairman & CEO

Jammu and Kashmir Bank today appointed Parvez Ahmed as Chairman and CEO of the bank. He has been appointed Chairman for a period of three years, Jammu and Kashmir Bank & replaced Mustaq Ahmad.

Former Portugal PM, Antonio Guterres set to become next UNSC

Former Prime Minister of Portugal, Antonio Guterres is poised to become the next Secretary-General of the United Nations after the Security Council declared him to be the unanimous choice in the sixth straw poll.

Luo Zhaohui, China's new ambassador to India

China's President Xi Jinping appointed Luo Zhaohui, a senior diplomat with previous assignments in Pakistan and Canada, as China's new ambassador to India. He will take over from former Chinese ambassador to India Le Yucheng who left New Delhi in April.

PV Sindhu now brand ambassador of Vizag Steel

Rashtriya Ispat Nigam Ltd (RINL), the corporate entity of Vizag Steel, has roped in top ranked Indian Badminton Player PV Sindhu as its brand ambassador. Sindhu, currently amongst the top 10 ranked players in the world, is the first Indian female athlete to win the Olympic silver medal at the Rio Olympics.

Renu Pall appointed as the next Ambassador of India to Austria

i. Former Indian Foreign Service officer Ms. Renu Pall has been appointed as the next Ambassador of India to Austria. ii. It was announced by Ministry of External

Morocco king reappoints Abdelilah Benkirane as PM

Abdelilah Benkirane, the leader of Morocco's Islamic Justice and Development Party, has been appointed for another term as the country's prime minister.

Govt appoints G Mahalingam as Sebi whole-time member

The government has appointed Reserve Bank's Executive Director G Mahalingam as a Whole-Time Member of markets

regulator Sebi. Apart from the Chairman, the Securities and Exchange Board of India (Sebi) can have three Whole-Time Members (WTMs).

Amrit Lugun concurrently accredited as the Ambassador of India to the State of Eritrea

Shri Amrit Lugun, presently Ambassador of India to the Republic of the Sudan, has been concurrently accredited as the Ambassador of India to the State of Eritrea, with residence in Khartoum(Sudan).

Antonio Guterres appointed UN Secretary-General

The 193 member states of the General Assembly adopted the resolution by acclamation, appointing 67-year-old Mr. Guterres as the 9th U.N. Secretary-General to take over from Ban Ki-moon, whose tenure will end on December 31, 2016.

Vladimir Putin's Big Win

Russian President Vladimir Putin's United Russia party won a huge victory in the country's parliamentary election. Putin's party had won 54% of the vote in elections for the Duma, the lower house of parliament.

Facebook appoints Anand Chandrasekaran for its Messenger app

Facebook has roped in former chief product officer at Snapdeal, Anand Chandrasekaran, for a strategic role for its Messenger app. Chandrasekaran, who served as the senior director of mobile and search products at Yahoo between 2011 and 2014.

Jubilant FoodWorks CEO Ajay Kaul resigns

Ajay Kaul has resigned as the Chief Executive Officer of Jubilant FoodWorks Limited. However, Kaul will continue in his current role till March 2017.

Bangladesh's Junaid Ahmad new World Bank head in India

Junaid Ahmad has become the World Bank's Country Director for India, replacing Onno Ruhl who served a four-year term based out of the national capital.

Ajay Shirke re-elected as BCCI Secretary

The Board of Control for Cricket in India (BCCI) has elected Ajay Shirke as Secretary unopposed at its Annual General Meeting. Shirke became the secretary in July after Anurag Thakur was elevated as the president. Former Indian seamer Venkatesh Prasad was appointed as the new chairman of selectors.

Alka Sirohi appointed UPSC chairman

Former IAS officer Alka Sirohi has been appointed as chairman of

Union Public Service Commission (UPSC).

Lt Gen Surinder Singh Takes Charge Of Western Command

Lt Gen Surinder Singh today took over as General Officer Commanding-in-Chief, Western Command. He is the successor of Lt Gen KJ Singh who retired on July 31,2016.

Monika Kapil Mohta appointed Ambassador to Sweden

Ms. Monika Kapil Mohta, presently Additional Secretary in the Ministry, has appointed as the next Ambassador of India to the Kingdom of Sweden.

Indian-Origin South African Is Head Of Global Blood Service

An Indian-origin South African, Ravi Reddy has become the first person from the African continent to head a global organisation of medicine professionals working for the safety of blood transfusion worldwide. He will head the International Society for Blood Transfusion (ISBT), headquartered in Amsterdam.

Mohan M Shantanagoudar new CJ of Kerala

Justice Mohan M Shantanagoudar was sworn in as Chief Justice of Kerala High Court. Governor Justice(Retd) P Sathasivam administered the oath of office to Justice Shantanagoudar, who was the acting Chief justice.

Girish Chandra Gupta sworn in as Calcutta HC chief justice

Justice Girish Chandra Gupta was sworn in as Chief Justice of Calcutta High Court. West Bengal Governor K.N. Tripathi administered the oath of office to Justice Gupta at the Raj Bhavan.

Ajay Kumar Bhalla appointed new DGFT

Senior IAS officer Ajay Kumar Bhalla appointed as the Director General of Foreign Trade (DGFT). He has been appointed to the post in place of Anup Wadhawan, who has been appointed as additional secretary in the commerce ministry.

Mizoram's Pachuau declared India's oldest working journalist

The Mizoram government and the Mizoram Journalists' Association declared Lalbiakthanga Pachuau as the "oldest working journalist in the country". The 90-year-old former soldier is the editor of 'Zoram Tlangau', a Mizo daily, started by him in 1970.

Amandeep Singh appointed as the next Ambassador

Indian foreign service, 1992 batch officer, Shri Amandeep Singh Gill has been appointed as the next Ambassador of India to the UN Conference on Disarmament, Geneva, announced by the Ministry of external affairs.

OBITUARIES

Hindi and Urdu writer Reoti Saran Sharma passed away

Reoti Saran Sharma, the renowned Hindi and Urdu writer, playwright and television personality, died in New Delhi. He was 92 years

FCAT chairman Mahajan dies

The chairman of Film Certification Appellate Tribunal (FCAT), Justice (retd) S K Mahajan has passed away. He was the Former Delhi High Court judge.

Arnold Palmer Dies In Pittsburgh At 87

Arnold Palmer, who is regarded as one of the greatest golfers of all time has died at the age of 87 in Pittsburgh from complications of heart problems. He was the charismatic face of professional golf and one of its dominant players.

Shimon Peres, former Israeli president, dies aged 93

The former Israel's defining political figures and a Nobel peace prize laureate, Shimon Peres has died at the age of 93. He had served twice as a prime minister and once as a president.

Former Australian cricketer Max Walker passes away

Former Australian cricketer Max Walker, whose awkward and unorthodox bowling action earned him the nickname 'Tangles', passed away.

Syed Haq passed away

Bangladeshi author Syed Shamsul Haq passed away in Dhaka. He was 81. He was an accomplished short-story writer, novelist, playwright and a very popular poet.

Spiritual leader Indirabetiji passes away

Vaishnavacharya Goswami Indirabetiji, a proponent of Sanatan Dharma known for her devotion to social causes, passed away. She was 78. She founded Shrimad Vallabh Acharya Research Academy.

Freedom fighter Ramesh Kulkarni passed away

Freedom fighter and Congress leader Ramesh Kulkarni passed away on 6 October 2016 in Thane following a brief illness. He was 87 years old and is survived by a son and two daughters.

Oscar-winning writer and director died

Oscar-winning writer and film director Curtis Hanson has died at his home in Hollywood at the age of 71. He is known for his work in films like Kevin Spacey-starrer LA Confidential, The Hand That Rocks the Cradle and The River Wild.

Manipur theatre legend Kanhailal passed away

Manipur-based theatre legend Heisnam Kanhailal passed away on 6 October 2016 following a brief illness in Imphal. He was 75.

Former boxing champion Aaron Pryor dies at 60

American boxer Aaron Pryor died on 09 October 2016 at the age of 60 after a long battle with heart disease.

Style icon Parmeshwar Godrej passes away at 70

Parmeshwar Godrej, philanthropist and wife of Godrej group chairman Adi Godrej passed away in Mumbai. She was 70.

Oscar-winning Polish film director Wajda dies aged 90

Oscar-winning Film director Andrzej Wajda, best known for chronicling Poland's struggle for democracy during half a century of communist rule, has died at the age of 90.

King of Thailand dies

Thailand's King Bhumibol Adulyadej - the world's longest-serving monarch - has died aged 88. King Bhumibol was the ninth king of the 234-year-old Chakri dynasty.

Renowned writer and litterateur Dayanand Anant passed away

Renowned writer and litterateur from Uttarakhand, Dayanand Anant, passed away at his residence in Bhowali near Nainital. He was 88.

Dario Fo, Nobel-winning playwright died

The Nobel prizewinning playwright and actor Dario Fo, famous for his cutting political satire in plays such as The Accidental Death of an Anarchist, has died aged 90.

AWARDS

Indian-Origin Peer Wins 'Lifetime Achievement Award' In UK

Lord Narendra Babubhai Patel, a 78-year-old Indian-origin British obstetrician and member of the UK Parliament was honored the 'Lifetime Achievement Award' during the Asian Achievers Awards for his work in the medical profession and public life in Britain over the years.

Visaranai to take a shot at Oscar nomination

Visaranai, the Tamil docu-drama crime thriller, has been chosen India's official entry to Best Foreign Language Film category at the 89th Academy Awards to be held in 2017.

Two-Indians selected for wildlife awards

Two Indian forest officials, Sanjay Dutta and Ritesh Sarothiya, have been selected for the 2016 Clark R. Bavin Wildlife Law

Enforcement Awards. Clark R. Bavin Wildlife Law Enforcement Awards honours individuals engaging in exemplary law enforcement actions to protect wildlife.

First Jesse Owens Award goes posthumously to Muhammad Ali

The first-ever Jesse Owens Olympic Spirit Award-2016 will be posthumously bestowed to Olympic champion Muhammad Ali, who passed away on June 3, 2016.

Lopamudra Raut, the second runner-up at Miss United Continents 2016

Lopamudra Raut makes India proud as she stands tall as the second runner-up at Miss United Continents 2016, which was held in Ecuador. Whereas Jeslyn Santos from Philippines won the Miss United Continents 2016 title, Lopamudra Raut won the second runner-up title.

The Hindu wins reader engagement awards

The Hindu has been awarded the Silver and Bronze awards in the 'Best Reader Engagement' category of the South Asian Digital Media Awards at the WAN-IFRA (World Association of Newspapers and News Publishers) India 2016 conference in Kolkata.

Uttam Singh to be honoured with 'Lata Mangeshkar Award'

Famous music director and violinist Uttam Singh named for the 2016 Lata Mangeshkar Award for Lifetime Achievement of the Maharashtra Government.

Telugu author Kolakaluri Enoch bags Moortidevi Award

Telugu author and eminent scholar Prof Kolakaluri Enoch was honoured with the 29th Moortidevi Award 2015 for his novel Ananta Jeevanam. The award was given to the author by noted historian Dr. Kapila Vatsyayan.

Tirupati Airport awarded as 'Best Tourist Friendly Airport'

Airport Authority of India's Tirupati Airport has been awarded as "Best Tourist Friendly Airport" under the category for "State Annual Excellence Awards (2015-16)" by Andhra Pradesh Tourism.

Gangtok conferred Cleanest Tourist Destination honour

At a time when the Swachh Bharat Mission is in full swing, the Union Ministry of Tourism has conferred the Cleanest Tourist Destination on the Sikkim capital (Gangtok). Chandigarh and Mysore were felicitated for 'Clean Cities in million plus population category' and Gangtok for 'Cleanest Tourism Destination'.

Gujarat world heritage site: Rani ki Vav bags 'Cleanest Iconic Place' award

Gujarat's 900-year-old World Heritage Site Rani ki Vav beat 10 other iconic heritage structures across the country to bag an award for the "Cleanest Iconic Place" at the Indian Sanitation Conference (INDOSAN) 2016 at Vigyan Bhavan in New Delhi.

Japan's Ohsumi wins Nobel Prize in medicine

Japan's Yoshinori Ohsumi, a cell biologist specialising in autophagy, has received the 2016 Nobel Prize in Medicine. He has received the award "for his discoveries of mechanisms for autophagy".

'Murga' wins first prize at Swachh Bharat Short Film Festival

Young filmmaker Katyayan Shivpuri, from Maharashtra, has won the first prize at the Swachh Bharat Short Film Festival (SBSFF) for his work "Murga". The short film was directed by young filmmaker Katyayan Shivpuri from Maharashtra.

Three researchers share 2016 Nobel prize in physics

The Nobel Prize in Physics for 2016 has been awarded to scientists - David J Thouless, who receives half the prize, and Duncan M. Haldane and J. Michael Kosterlitz, who share the other half. The three physicists discovered a mathematical framework in the field of topography, to explain unexpected properties of solid materials.

France confers knighthood on elephant researcher

Film-maker and elephant researcher Prajna Chowta has been appointed Chevalier de l'Ordre National du Mérite (Knight in the National Order of Merit), one of the highest civilian recognitions of the French government.

Tiny machines win chemistry Nobel prize

The Nobel Prize in Chemistry for 2016 has been awarded to Jean-Pierre Sauvage, Sir J. Fraser Stoddart and Bernard L. Feringa for developing the molecular machine.

Nobel Peace Prize for Colombia's Juan Manuel Santos

Colombian President Juan Manuel Santos has been awarded the Nobel Peace Prize for his efforts to end the 52-year conflict with left-wing rebels. The Nobel committee in Norway praised him for his peace agreement with FARC rebels, signed last month after four years of negotiations.

Sikkim CM Pawan Chamling honoured for development leadership

Sikkim Chief Minister Pawan Chamling has been honoured with prestigious "Sustainable Development Leadership Award" by

President Pranab Mukherjee.

Sprinter Srabani Nanda wins Ekalabya Award

Sprinter Srabani Nanda has bagged the 24th Ekalabya Award for the year 2016 in recognition of her sporting excellence. Srabani won gold in 200m, silver in 100m and 4x100m relay in 12th South Asian Games held in Guwahati in February.

Nobel prize in Economics 2016 awarded to Oliver Hart and Bengt Holmstrom

Two U.S.-based economists, Oliver Hart of Harvard University and Bengt Holmstrom of MIT have been awarded the 'Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel' for their contributions to contract theory.

Sir Ian McKellen honoured at UK Theatre Awards

Veteran actor Ian McKellen was honoured at the UK Theatre Awards in London for his individual contributions to British theatre. McKellen was honoured with the Outstanding Contribution to British Theatre prize.

Bob Dylan wins 2016 Nobel prize in literature

American singer-songwriter Bob Dylan has been awarded the Nobel Prize in Literature 2016 "for having created new poetic expressions within the great American song tradition".

Ramesh Pokhriyal Nishank awarded by Ugandan govt for his literary work

Former Uttarakhand chief minister Ramesh Pokhriyal Nishank has been conferred with a prestigious award by the Ugandan government for promoting human values through his literature.

R.A. Mashelkar conferred award by Centre for Organisation Development

R. A. Mashelkar, former Director-General of CSIR, has been conferred the V Krishnamurthy Award for excellence by the Hyderabad-based Centre for Organisation Development.

'Sunrise', 'Parched' scripts archived at Oscar library

The scripts of Adil Hussain-starrers "Sunrise" and "Parched" have been archived at the library of the Academy of Motion Picture Arts and Sciences.

ISRO, Katrina, Juhi Chawla will get Priyadarshini Global Awards

Bengaluru-based Indian Space Research Organisation (ISRO) and Bollywood actors Katrina Kaif and Juhi Chawla are among recipients of the Priyadarshini Global Awards 2016. Other recipients of the awards, instituted by a socio-cultural and educational organisation Priyadarshini Academy, in various fields

are from Israel, Switzerland and UK.

Shubha Mudgal to get 'LalitArpan Samman'

Hindustani classical singer Shubha Mudgal will be honoured with the annual 'LalitArpan Samman' this year. Mudgal, a Padma Shri recipient, was born in Allahabad and is known for her singing in genres of Khayal, Thumri and Dadra.

Malayalam critic M Leelavathi bags Mohanan Suvarna Mudra Award

Eminent Malayalam critic and academician Dr M Leelavathi has been chosen for the prestigious N Mohanan Suvarna Mudra Award 2016, instituted in memory of well-known short story writer N Mohanan.

West Bengal to confer Bangabibhushan award to Lata Mangeshkar

To honour her contributions to Bengali songs, West Bengal government will confer this year's 'Bangabibhushan' to legendary singer Lata Mangeshkar. Banga Bibhushan is a title instituted by the West Bengal Government to honour the services of personalities in various fields.

Emmy Awards 2016

68th Emmy Awards, television's biggest award ceremony, was held in Los Angeles on September 18. 'Game of Thrones' won the best Drama Series award. Tatiana Maslany won the best actress award for Orphan Black, Rami Malek won the best actor for Mr. Robot.

Nobel laureate Aung San Suu Kyi to get humanitarian award

Myanmar leader Aung San Suu Kyi has been honored as the 2016 humanitarian of the year by students and faculty at the Harvard Foundation. Suu Kyi gained international prominence as the General Secretary of the newly formed National League for Democracy in Myanmar in 1990.

Industrialist Adi Godrej conferred Clinton Global Citizen Award

Industrialist Adi Godrej, the Chairman of Mumbai-based Godrej Group, was conferred the 10th Annual Clinton Global Citizen Award for leadership in business and philanthropy.

Indian-origin scientist bags young scientist award in US

Kirtiraj Kundlik Gaikwad, an Indian scientist with the Department of Packaging, has been awarded the prestigious IAFP Young scientist scholarship award for his research work on "development of novel oxygen absorbing package in the field of active packaging for oxygen sensitive food products".

Oxford tops the list as the world's leading university

In the latest Times Higher Education world rankings index, Oxford topped the list as the world's leading university, followed by the California Institute of Technology, Stanford and Cambridge.

C Radhakrishnan selected for Mathrubhumi Literary award

Eminent writer C Radhakrishnan has been selected for the Mathrubhumi Literary Award in recognition of his contribution to the field of literature.

DEFENCE NEWS

Guided missile destroyer 'Mormugao' launched in Mumbai

The vessel has been built by government-run Mazgaon Dock Shipbuilders Ltd (MDL) and belongs to the Visakhapatnam class of ships being constructed under Project 15B.

India, Russia begin joint military exercise in Vladivostok

The 8th edition of the Indo-Russia joint military exercise 'Indra 2016' was flagged off in Vladivostok in Russia. Indra, a portmanteau of the names of both the countries, is a biannual exercise which has been carried out between the two allies since 2003.

US & Vietnam navies begin 7th annual NEA in Da Nang

The US and Vietnamese navies have begun the 7th annual Naval Engagement Activity NEA, Vietnam 2016 at Tien Sa Port in Da Nang. The exercise will also include Code for Unplanned Encounters at Sea and search-and-rescue scenarios.

Coordinated Patrol and India-Indonesia Bilateral Maritime Exercise commence in Indonesia

The 28th India and Indonesia Coordinated Patrol (CORPAT) and Second Bilateral Maritime Exercise have commenced at Belawan, Indonesia in the Andaman Sea.

India successfully test-fires surface-to-air missile

India has successfully test-fired its new, long-range surface-to-air missile jointly developed with Israel from a defence base off Odisha coast. The missile was launched from a mobile launcher at the Integrated Test Range (ITR) in Chandipur.

China and Russia conduct naval exercises Joint Sea-2016 to improve security

The Chinese and Russian navies have concluded Joint Sea-2016, eight days of naval exercises, in the South China Sea. The Joint Sea-2016 was launched as a sign of growing cooperation between their armed forces against the backdrop of regional

territorial disputes.

US Navy commissions most advanced stealth destroyer Zumwalt

US Navy has commissioned its largest, most expensive and technologically advanced destroyer, Zumwalt. The 610-foot-long ship, commissioned in Baltimore also has an advanced power plant and weapon systems.

RANKS & REPORTS

Five Indian cities in the top 100 Mastercard Global Destinations Cities Index

Mumbai, Chennai, Delhi, Kolkata and Pune are the Indian cities that have made to the list of top 100 cities in the sixth annual Mastercard Global Destinations Cities Index. Kolkata ranks 62nd in the index. The study is based on data from IATA, National Tourism Boards, IMF and other organisations.

India jumps 16 places in global competitiveness ranking

India has climbed 16 places to the 39th rank on the Global Competitiveness Index released by the World Economic Forum. Switzerland has topped the list for the 8th straight time.

Global hunger index 2016 released

India ranked 97th out of 118 countries on the International Food Policy Research Institute's (IFPRI) Global Hunger Index (GHI) in 2016, behind Nepal, Sri Lanka, Bangladesh, among others, but ahead of Pakistan and three other Asian countries.

Mukesh Ambani tops Forbes' 100 Richest Indians list

Forbes India has released the annual India rich list and Reliance Industries Chairman Mukesh Ambani has topped the Forbes' '100 Richest Indians' list. India's richest pharmaceutical magnate Dilip Shanghvi remains at 2nd.

Finland is the safest country in the world: WEF

A recent report carried out by the World Economic Forum (WEF) on 'Safety and Security,' has revealed that the Finland is the safest place in the world with Qatar and UAE ranked second and third respectively. Further down the list was the UK, which was ranked at 63, while the US was in 73 place.

SCIENCE AND TECHNOLOGY

IAF inducts renowned space scientist UR Rao in Hall of Fame

The International Astronautical Federation's renowned space scientist U.R. Rao has been inducted into its Hall of Fame for his

contribution to development of India's space technology. Rao, 84, is the Chairman of the space agency's Physical Research Laboratory at Ahmedabad in Gujarat.

China successfully launches Tiangong-2 space lab

China, launched its second experimental space station. The Tiangong 2 was carried into space from the Jiuquan Satellite Launch Center on the edge of the Gobi Desert in northern China. Tiangong-2 is a precursor to a multi-module station that China will be assembling later this decade.

China launches its longest manned space mission

China launched the two-man Shenzhou 11 space mission, which is its longest-ever manned space mission. The two astronauts will spend about a month in China's recently-launched experimental space lab, Tiangong 2. While China claims its space programme is for peaceful purposes.

INTERNATIONAL NEWS

Afghanistan signs peace deal with militant group Hezb-e-Islami

Afghanistan has signed a peace agreement with one of the country's largest militant groups Hezb-e-Islami led by Gulbuddin Hekmatyar. This agreement paves the way for Hekmatyar to make a political comeback.

Typhoon Megi Hits Taiwan

The powerful typhoon Megi has recently hit island-nation Taiwan with winds up to 230 km/hr that causing heavy rains and triggering damaging winds. It is equivalent to Category 4 tropical cyclone.

WHO declares Region of the Americas as Measles free

The World Health Organisation, a specialised agency of UN has declared the Region of the Americas as Measles free. With this, the Americas became the first in the world to have eliminated measles, a viral disease that can cause severe health problems, including pneumonia, blindness, brain swelling and even death.

Powerful typhoon Chaba to hit Japan

Powerful typhoon Chaba barrelled toward Japan after it hit a South Korean resort island causing flight cancellations and flooding streets.

Cuba and Russia sign agreement on Peaceful Nuclear Cooperation

Rosatom, Russian state nuclear agency, and Cuba's Ministry of Science on 27 September 2016 signed an agreement on cooperation in the field of peaceful atomic energy use. The deal

was signed by Rosatom Deputy CEO for International Relations Nikolai Spassky and Cuban Deputy Science Minister Jose Fidel Santana.

EU ministers approve ratification of Paris climate Agreement

European Union (EU) ministers have approved the ratification of Paris Agreement (on Climate Change). This decision brings the Paris Agreement closer to entering into force.

Russia & Turkey agree to intensify military, intelligence contacts

Russian and Turkish leaders have agreed to intensify military and intelligence contacts after a meeting in Istanbul, Turkey. After his meeting with Turkish President Recep Tayyip Erdogan, Russian President Vladimir Putin said, they have agreed on the need for aid to get to the northern Syrian city of Aleppo. The two countries have also signed a deal to construct two pipelines to send Russian gas under the Black Sea to Turkey.

Malaysian envoy releases translated book on Sai Baba

The Consul General of Malaysia in India Eldeen Husaini Muhammad Hashim has released the translated version of 'Sai Charitra Granth', a book on the life of Sai Baba. The book is translated into Malay by a social outfit called 'I love Sai'.

World's largest ship lift begins trial run in China

The trial operation of a world's largest permanent ship lift designed by Chinese and German engineers on China's Three Gorges Dam began. The ship lift, is the largest and most sophisticated in the world, according to Three Gorges Corp, a state-owned company responsible for the construction of the project.

China, Bangladesh ink 26 agreements

Bangladesh and China signed 26 agreements in the key areas of power, road and railway connectivity. The two countries have also agreed to jointly advance China's 'belt and road initiative' and establish "institutional cooperation" in areas of maritime issues and counter-terrorism.

SUMMITS, FESTIVALS & Other Events

India International Seafood Show held in Vizag

The 20th Edition of India International Seafood Show (IIS-2016) to be organised by the Marine Products Export Development Authority (MPEDA) will be kick-started in Visakhapatnam, Andhra Pradesh. India International Seafood Show is one of the largest Seafood Fairs in Asia.

Childhood cancer awareness exhibition organised at Taj Mahal

The first-of-its-kind exhibition on childhood cancer awareness will be held at the iconic Taj Mahal in Agra. The exhibition 'CanKids-Kidscan' will be organised by National Society for Change for Childhood Cancer in India.

SAARC summit "postponed indefinitely"

Pakistan has officially postponed the 8-nation SAARC summit 2016, after 5 countries – India, Afghanistan, Bangladesh, Bhutan and Sri Lanka dropped out of it. The SAARC Summit was scheduled on November 9 and 10 in Islamabad, Pakistan.

India to host conference on Disaster Risk Reduction

India will host the Asian Ministerial Conference for Disaster Risk Reduction (AMCDRR) next month. The three-day conference, to be held from November 3, is being organised in collaboration with the UN Office for Disaster Risk Reduction (UNISDR).

First BRICS Trade Fair and Exhibition begins in Delhi

The first BRICS Trade Fair and Exhibition began in the national capital today, ahead of the BRICS political summit in Goa. The fair is a platform for respective BRICS countries, Brazil, Russia, India, China and South Africa to exhibit state-of-the-art technologies and advances made in industrial development.

Odisha government to organise two-day national conference on labour

Odisha government, labour minister Prafulla Mallick at a press meet on Saturday announced that the state government in association with International Labour Organisation (ILO) will organize a two-day long national conference on labour.

First Indian music-dance festival starts in Australia

The 10-week long festival "Confluence: Festival of India" was inaugurated by Union Tourism and Culture Minister Mahesh Sharma in Sydney, Australia.

17th NAM summit held at Venezuela

17th NAM summit held in Venezuela and Vice President Hamid Ansari held talks with Venezuelan President Nicolas Maduro on a host of issues of mutual interest. Venezuelan President Nicolas Maduro touted the latest meeting of the Non-Aligned Movement (NAM), a large Cold War-era bloc, as one that would be remembered for centuries to come.

Safe Motherhood Week starts in Uttar Pradesh

In Uttar Pradesh, the Safe Motherhood Week is being observed. The main aim of the 'Safe Motherhood Week' is to decrease the 'Mother Mortality Rate' (MMR) and 'Infant Mortality Rate'

(IMR).

Rajnath Singh inaugurates 10 days long 'Rashtriya Sanskriti Mahotsav - 2016'

'Rashtriya Sanskriti Mahotsav (RSM) -2016' is being organized by M/o Culture in IGNC premises, Janpath, New Delhi. The festival was inaugurated by Shri Rajnath Singh, Union Minister for Home Affairs in the presence of Dr Mahesh Sharma, Minister of State (I/C) for Culture and Tourism and Shri Padamanabha Acharya, Governor of Nagaland.

BOOKS AND AUTHORS

President, PM launch VP's book titled "Citizen and Society"

President Pranab Mukherjee has released Vice President Hamid Ansari's book 'Citizen and Society' at the Rashtrapati Bhawan in presence of Prime Minister Narendra Modi. The book is a collection of lectures delivered by Hamid Ansari ranging from the role of women in a multicultural society to other dynamics of a democratic nation.

Arundhati Roy's next novel to be out in 2017

Nearly, 20 years after her Booker prize-winning novel 'The God of Small Things' was published. Arundhati Roy has announced the release of her next novel titled "The Ministry of Utmost Happiness" in June 2017.

IMPORTANT DAYS

World Rabies Day: 28th September

World Rabies Day has observed on 28 September 2016. The theme for the World Rabies Day - Educate. Vaccinate. Eliminate.

World Heart Day: 29 September

World Heart Day is being observed annually on 29 September across the world. The objective of this day is to inform people around the world about the danger of heart disease and stroke. The theme was 'Light Your Heart, Empower Your Life'.

World Maritime Day: 29 September

World Maritime Day is observed across the world on 29 September. The theme was "Shipping: indispensable to the world".

International Translation Day: 30 September

The International Translation Day is being observed today on 30 September across the world with the theme "Translation and Interpreting: Connecting Worlds".

International day of Older Persons: 1st October

Every year 1st October is observed as International day of Older Persons. The significance of Day is to raise awareness about issues affecting the elderly and to appreciate the contributions that older people make to society. This year, the theme is "Take a Stand Against Ageism."

International day for non violence: 2nd October

The International Day of Non-Violence is marked on 2 October, the birthday of Mahatma Gandhi, leader of the Indian independence movement and pioneer of the philosophy and strategy of non-violence.

4–10 October: World Space Week

World Space Week is an annual event that is observed from 4-10 October every year in various parts of the world including Europe and Asia. This is being observed with the theme, Remote Sensing: Enabling our Future.

World Teachers' Day: 5 October

The World Teachers' Day (WTD) 2016 is being observed across the world on 5th October. The theme for the World Teachers' Day 2016 is Valuing Teachers, Improving their Status.

Indian Air Force Day: 8 October

The Air Force Day 2016 is observed annually on 8 October across India. This year is the 84th celebration of the Day which began in 1932. On this day, the most renowned aerobatics display teams, Red Arrows of the Royal Air Force, enthral audience at Indian Air Force Day celebrations in New Delhi.

World Post Day: 9th October

World Post Day is celebrated each year on 9 October, the anniversary of the establishment of the Universal Postal Union in 1874 in the Swiss Capital, Bern. The theme for this year 2016 is Innovation, Integration and Inclusion.

World Mental Health Day: 10 October

World Mental Health Day is observed annually on 10 October. This year theme is 'Psychological First Aid'. The day is annually observed with an aim to raise awareness about mental health issues around the world and mobilising efforts in support of mental health.

International Day of the Girl Child :11 October

International Day of the Girl is observed annually on 11 October; it is also called the Day of the Girl. The theme for this year's International Day of the Girl (11 October) is "Girls' Progress = Goals' Progress: What Counts for Girls".

First World Tsunami Awareness Day to be observed on Nov 5

The government of India will be observing the First World Tsunami Awareness Day on November 5. It will be observed during the upcoming Asian Ministerial Conference for Disaster Risk Reduction (AMCDRR) 2016. The conference is slated to take place in Delhi.

International Day for Disaster Reduction: October 13

International Day for Disaster Reduction is observed annually on 13 October. This year theme is Live to Tell: Raising Awareness, Reducing Mortality.

World Standards Day: 14 October

World Standards Day is observed annually on 14 October. The theme for World Standards Day 2016 is "Standards Build Trust".

World Student Day: October 15

October 15th, Dr. Abdul Kalam's birthday is observed as World Student Day by United Nations Organization annually. In India, he is highly respected as a scientist and as a great personality. He was the 11th President of India.

International Day of Rural Women: October 15

The International Day of Rural Women is observed across the world on 15 October. The theme for the day for the year 2016 is Climate is changing. Food and agriculture must too.

International Day for the Eradication of Poverty: October 17

The United Nations' International Day for the Eradication of Poverty is observed on October 17 each year since 1993. This year's theme is moving from humiliation and exclusion to participation: Ending poverty in all its forms.

SPORTS NEWS

Sania Mirza-Barbora Strycova crowned women's doubles champions at Pan Pacific Open

India's Sania Mirza along with her partner Barbora Strycova from Czech Republic produced a straight sets win over China's Chen Liang and Zhaoxuan Yang in the final to win the women's doubles titles at Toray Pan Pacific Open in Tokyo. The current tournament in Tokyo is Sania's 40th doubles title win and third in Tokyo.

Alexander Zverev stuns Stan Wawrinka to claim St Petersburg Open title

Alexander Zverev clinched his first ATP Tour title with a three-set victory over world number three Stan Wawrinka in the final of the St Petersburg Open. Dominic Inglot and Henri Kontinen has won the 2016 St Petersburg Open Men's Doubles title.

Japan to host 2026 Asian Games: Olympic Council of Asia

Japan's Aichi prefecture and its capital city Nagoya were confirmed as co-hosts of the 2026 Asian Games. South Korea is already hosting the Winter Olympics at Pyeongchang in 2018, while Tokyo hosts the 2020 Summer Olympics before the winter games go to Beijing in 2022.

Velavan wins Asian junior squash title

India's Squash player Velavan Senthilkumar defeat Jordan's Mohammad Al-Sarraj to win the U-19 Asian Junior Individual squash championship title in Kuala Lumpur, Malaysia. Velavan is the second Indian to win the title after Ravi Dixit, who won it in 2010.

Indian shuttler Rituparna Das wins Polish Open

Indian shuttler Rituparna Das won the Polish Open after defeating compatriot Rasika Raje, in the women's singles final of the International challenge badminton event. The women's doubles pair of Sanjana Santosh and Arathi Sara Sunil also clinched the doubles title after defeating top seeds Natalya Voytsekh and Yelyzaveta Zharka.

Indian women's kabaddi team wins gold in Asian Beach Games

Indian women's Kabaddi team on 28 September 2016 bagged the gold medal at the 5th Asian Beach Games. In the final clash India defeated Thailand .

Rani becomes 1st Indian woman to cross 60m in javelin

Javelin thrower Annu Rani broke her own national record and in the process became the first Indian woman to cross the 60m mark on the third and penultimate day of the 56th Open National Athletics Championships in Lucknow.

Kieren Dsouza becomes the first Indian to complete World's toughest race, Spartathlon

Bengaluru's Kieren Dsouza has become the first Indian to complete the Spartathlon, widely described as the "world's toughest race". The 23-year old completed the 246.6 km distance in the 2016 edition, in 33 hours, one minute and 38 seconds.

India's Gaganjeet Bhullar wins Korea Open

Indian golfer Gaganjeet Bhullar won his 6th Asian Tour title, winning the Korea Open 2016 in Incheon, South Korea.

Daniel Ricciardo wins 2016 Malaysian Grand Prix

Australian racing driver, Daniel Ricciardo has won the 2016 Malaysian Grand Prix held at the Sepang International Circuit in Selangor, Malaysia. Max Verstappen finished second while Nico Rosberg ended at the third position.

First BRICS U – 17 Football Tournament kicked off in Goa

The first BRICS Under-17 football tournament kicked off in Goa. The initiative of the Government of India aims at taking the ongoing interaction and cohesion amongst the BRICS nations.

Jitu Rai bags silver medal at ISSF World Cup Final in Italy

Indian shooter Jitu Rai clinched a silver medal in the 50-meter pistol event of the ISSF World Cup Final at Bologna, Italy.

Harika Dronavalli Beats Hou Yifan At International Chess Meet

India's Harika Dronavalli defeated World No. 1 Hou Yifan of China to be at joint fourth position in the Isle of Man international Chess tournament.

Indian shooter Jitu Rai named 'Champion of Champions' by ISSF

The International Shooting Sports Federation (ISSF) has awarded ace shooter, Jitu Rai, the 'Champion of Champions' title for pistol shooting in 2016.

Andy Murray defeats Grigor Dimitrov to win China Open

British tennis player Andy Murray beat Bulgaria's Grigor Dimitrov in straight sets to win the China Open on 09 October 2016. Poland's Agnieszka Radwanska defeated British tennis player Johanna Konta 6-4, 6-2 to win the China Open Women's Singles at Beijing, China.

Indian shuttler Ruthvika Shivani clinches Russian Open Grand Prix title

India's 19-year-old shuttler Ruthvika Shivani Gadde won the women's singles title at the Russian Open in Vladivostok. Pranaav Jerry Chopra and N Sikki Reddy added to India's tally by winning the mixed doubles title at the event.

Nico Rosberg won the Japanese Grand Prix

Nico Rosberg of Germany and Mercedes GP won the Japan Grand Prix at Suzuka Circuit. Red Bull's Max Verstappen Max Verstappen and Lewis Hamilton finished the GP with Nico Rosberg second and third respectively.

R Ashwin regains No. 1 spot in Test rankings

Indian off-spinner Ravichandran Ashwin today reclaimed the number one spot in Test rankings for bowlers following a career-best match haul of 13 for 140 in the third Test against New Zealand in Indore.

Virat Kohli presented with ICC Test Championship mace

Indian captain Virat Kohli was presented with the ICC Test Championship mace for leading his team to the top of the Test Team Rankings.

Kabaddi WC venue is India's 1st convertible stadium

The Arena by TransStadia in Ahmedabad, venue of the ongoing Kabaddi World Cup, is India's first convertible stadium. The Rs. 550 crore project converts an outdoor stadium into an indoor arena in 6 minutes at a touch of a button.

British Olympics icon Jessica Ennis-Hill announces retirement from athletics

Jessica Ennis-Hill has announced her retirement from athletics. Ennis-Hill, 30, who won a gold medal for heptathlon at London 2012, hinted after winning silver at Rio 2016 that she could leave the sport.

Deaf shooter Priyasha Deshmukh wins bronze in World Championship

Deaf Indian shooter Priyasha Deshmukh won the bronze medal in her first-ever international competition at the first World Deaf Shooting Championships held in Kazan, Russia. She won bronze in the 10m air rifle category and it was her maiden international participation.

Anup Kumar to lead India in Kabaddi World Cup

Star raider Anup Kumar from Haryana will lead India in next month's Kabaddi World Cup to be held in Ahmedabad. All-rounder Manjeet Chhillar will be Anup's deputy in the 14-member squad for the tournament.

Misbah-ul-Haq becomes first Pakistani to receive Test mace from ICC

Misbah-ul-Haq has received the prestigious ICC Test Championship mace for inspiring Pakistan to the top of the ICC Test Team Rankings. This is for the first time a Pakistani cricketer has received the award.

Ritu Rani retires from international hockey

Former Indian women's hockey captain Ritu Rani has announced her retirement from international hockey. The 24-year-old midfielder made the announcement in a mail to Hockey India president Narinder Batra.

Dhoni named captain of India's all-time Test XI by Wisden

MS Dhoni has been named as captain of the Wisden's all-time India Test XI team. The team was announced as India is all set to face New Zealand in Kanpur for their 500th test match.

Brazil lifted Inaugural BRICS U-17 Football Tournament Championship

Brazil has lifted the 1st BRICS U-17 Football Tournament 2016 held at Goa after defeating the South Africa in the title clash with 5-1. For the 3rd place between Russia and China, Russia defeated China 2-1.

India becomes first team to play 900 ODIs

India's ODI against New Zealand at Dharamshala on 16th Oct

2016 is the team's 900th making it the world first side to achieve a milestone. 900th One Day International (ODI) match between India and New Zealand will be held at the HPCA stadium in Dharamshala. Out of the 899 ODIs, India has won 454, lost 399 tied seven, while 39 have abandoned.

Usain Bolt to retire after the 2017 World Championships

Jamaican athlete Usain Bolt has confirmed that he is going to retire after the 2017 World Championships in London, and also informed that the Racers Grand Prix later this year will be his last race on Jamaican soil.

ICC announces first-ever women's World T20 in 2020

The International Cricket Council has decided to organise the first ever ICC Women's World T20 event in 2020. A decision to this effect was taken at the ICC Board meetings which concluded in Cape Town. Cricket Australia, hosts for the men's and women's ICC World Twenty20 in 2020.

Indian boxer Neeraj Goyat retains WBC Asia welterweight title

Indian boxer Neeraj Goyat outpunched Australia's Ben Kite to retain the WBC welterweight Asia title. The 24-year-old prevailed 120-110, 119-109, 115-113 in an unanimous decision for the gruelling 12-round contest against his 26-year-old rival.

SCHEMES/APPS/PROGRAMME LAUNCHED

PMUY launched at Srinagar

Pradhan Mantri Ujjwala Yojana (PMUY) was launched in the state of Jammu & Kashmir at Srinagar by Hon'ble Chief Minister of J&K Mehbooba Mufti. Pradhan Mantri Ujjwala Yojana, which was launched by the Prime Minister on 1st May 2016 at Ballia (Uttar Pradesh).

Indira Awas Yojana Renamed After Prime Minister

The flagship rural housing scheme Indira Awas Yojana (IAY), started by former Prime Minister Rajiv Gandhi, has been restructured and renamed as Pradhan Mantri Awas Yojana (PMAY), which will be launched next month. The IAY will be subsumed by the PMAY from April 1 next year. Under the new scheme, the government is aiming to construct one crore houses by 2019.

MISCELLANEOUS

British woman, 26, becomes one of world's youngest airline captains

A British woman has become one of the world's youngest commercial airline captains at the age of 26. She flies Airbus A319 and A320 planes to around 100 destinations, such as Reykjavik, Tel Aviv and Marrakesh.

World's first 3 parent-baby born

The world's first child with genes from three people was born to a Jordanian couple in Mexico. The five-month-old boy carries not only the DNA from both his parents but also a tiny piece of genetic code from a donor in order to avoid inheriting a genetic condition that could kill him.

New Solar Powered Guard Van of Goods Train flagged off

Railways Minister Suresh Prabhakar Prabhu flags off the newly manufactured Guard Van of Goods (Freight) Train, in New Delhi. The newly manufactured Guard Van of Goods Train has been equipped for the first time with Solar powered Light, Fan, Mobile Charging Point along with the facility of Zero discharge Bio Toilet.

Arjun Vajpai scales Mt. Cho Oyu

Arjun Vajpai, a 23-year-old professional mountaineer from Noida, became the youngest in the world to scale the Mount Cho Oyu, the 6th highest mountain peak in the world at 8,188 metres above sea level. This was Vajpai's second attempt to climb Cho Oyu after he was paralysed midway in 2012.

Women can also be prosecuted under domestic violence law: SC

Not only men but women can also be prosecuted under the Protection of Women against Domestic Violence (DV) Act. The Supreme Court has struck down the words "adult male" from the pertinent provision in the DV Act to lay down that a woman can also file a complaint against another woman, accusing her of domestic violence.

Bathukamma Event Enters Guinness Book of World Records

Telangana government organised the traditional state festival of 'Bathukamma' on at the Lal Bahadur stadium in Hyderabad. The event, attended by about ten thousand women, found a place in the Guinness Book of World Records. They also declared 'Bathukamma' as a state festival.

'Aiyoh' now in the Oxford English Dictionary

The Oxford English Dictionary has included "Aiyoh" and "Aiyah" in its latest edition. The word has defined as, "In southern India and Sri Lanka, expressing distress, regret, or grief; 'Oh no!', 'Oh dear!'".

Punjabi version of PM Narendra Modi's website launched

People can now visit the PM Modi's website in the Punjabi language at the URL www.pmindia.gov.in/pa. The website which was initially started in English and Hindi, is now accessible in

nine regional languages - Bengali, Gujarati, Kannada, Malayalam, Marathi, Odia, Tamil, Telugu and Punjabi.

Param-Ishan supercomputer unveiled at IIT Guwahati

HRD Minister Prakash Javadekar has unveiled the 'Param-Ishan' supercomputer at IIT Guwahati. The high-performance "Param-Ishan" has computing speed of 250 teraFLOPS and capacity of 300 tera bites (TB).

Railways to launch Yatri Mitra for differently-abled

The Ministry of Railways has announced the launch of 'Yatri Mitra Seva', through Indian Railway Catering and Tourism Corporation (IRCTC) to provide wheelchair-cum-porter services for the differently-abled, elderly and ailing passengers at major railway stations.

For All**COMPETITION POWER****Readers****Get****FLAT 15% OFF****ON ALL TEST SERIES PRODUCTS****of**

Valid Till
10th December 2016

Visit: speedtest.careerpower.in

Handy Notes Mathematics for IBPS & SSC : Profit & Loss

Cost Price—The price at which an article is purchased is called its cost price (**C.P.**)

Selling Price—The price at which the article is sold is called its selling price (**S.P.**)

Maximum Retail Price – The price mention on an article (**MRP**)

CP = Cost Price

SP = Selling Price

MP = Market Price

Condition of Loss :

When $SP < CP \rightarrow \text{Loss} = CP - SP$

Condition of Profit :

When $SP > CP \rightarrow \text{Profit} = SP - CP$

Condition of Neither loss nor gain

Cost price = Selling Price

Important Points

(i) Loss% and Profit% both are calculated upon CP:

Profit% = $[\text{Profit}/\text{CP}] * 100$

Loss% = $[\text{Loss}/\text{CP}] * 100$

(ii) Discount always calculates on market price.

(iii) When there are two successive Profit of $x\%$ and $y\%$ then the resultant profit per cent is given by

$$[x + y + (x \times y/100)]$$

(iv) If there is a Profit of $x\%$ and loss of $y\%$ in a transaction, then the resultant profit or loss% is given by

$$x - y - \frac{xy}{100}$$

(v) If a cost price of m articles is equal to the selling Price of n articles,

(C.P of m article = S.P. of n article)

(a) if $n < m$ is a case of profit

$$\frac{SP}{CP} = \frac{CP+P}{CP} = \frac{m}{n}$$

(b) if $n > m$ is a case of loss

$$\frac{SP}{CP} = \frac{CP-L}{CP} = \frac{m}{n}$$

(vi) If selling price is Z and discount is $a\%$ then market price is

$$\text{Market Price} = \frac{Z \times 100}{(100-a)}$$

more, his profit will be 5%. The cost price (in rupees) of the article is

(a) 500 (b) 400

(c) 380 (d) 350

3. If an article is sold at a gain of 5% instead of being sold at a loss of 5%, on gets Rs. 5 more. What is the cost price of the article?

(a) Rs. 100 (b) Rs. 105

(c) Rs. 50 (d) Rs. 110

4. A man purchased some fruits for Rs. 1000. He sold fruits worth Rs. 400 at 10% profit. At what profit per cent, must he sell the rest in order to gain 20% on the whole?

(a) $26\frac{2}{3}$ (b) 25

(c) 30 (d) $33\frac{1}{3}$

5. What percentage of profit on cost price equals 30% of profit on selling price?

(a) $33\frac{1}{3}$ (b) 36

(c) $38\frac{4}{7}$ (d) $42\frac{6}{7}$

6. A man buys a chair and a table for Rs. 6000. He sells the chair at a loss of 10% and the table at a gain of 10%. He still gains Rs. 100 on the whole. The cost price of the chair is

(a) Rs. 2500 (b) Rs. 2850

(c) Rs. 3050 (d) Rs. 3500

7. When the price of a toy was increased by 20%, the number of toys sold was decreased by 15%. What was its effect on the total sales of the shop?

(a) 2% increase (b) 2% decrease

(c) 4% increase (d) 4% decrease

8. A person sold a cow at a gain of 15%. Had he bought it for 25% less and sold it for Rs. 60 less, he would have made a profit of 32%. The cost price of the cow was

(a) Rs. 370 (b) Rs. 372

(c) Rs. 375 (d) Rs. 378

9. A sells an article to B at a gain of 25% B sells it to C at a gain of 20% and C sells it to D at a gain of 10%. If D pays Rs. 330 for it, how much did it cost to A?

(a) Rs. 200 (b) Rs. 250

(c) Rs. 275 (d) Rs. 290

10. By selling an article for Rs. 21, a man lost such that the percentage loss was equal to the cost price. The cost price of the article was

(a) Rs. 30 (b) Rs. 60

(c) Rs. 45 (d) Rs. 50

11. Half of 100 articles were sold at a profit of 20% and the rest at a profit of 40%. If all the articles had been sold at a profit of 25%, the total profit would have been Rs. 100 less than earlier profit. The cost price of each article was

PRACTICE EXERCISE

1. A shopkeeper, who was selling one kind of coffee at Rs. 96 per kg with a loss of 20% and another kind at Rs. 140 per kg with a gain of 25%, mixes the two together in equal ratio. He sells the mixed coffee at Rs. 174 per kg. His gain is

(a) 50% (b) 45%

(c) 30% (d) 25%

2. A salesman sells an article at 20% loss. If he charges Rs. 100

Handy Notes for SSC MAINS: Maxima and Minima

Maximum and Minimum is a important topic of trigonometry for SSS CGL Exams. So, here we discussed some important concept regarding Maximum & Minimum.

Important Concept & Tricks.

(i) $m \sin^2\theta + n \cos^2\theta$

If $m > n$, maximum value = m

& minimum value = n

If $m < n$, then maximum value = n

& minimum value = m

Ex. $3 \sin^2\theta + 7 \cos^2\theta$

i.e. maximum value = 7

& minimum value = 3

(ii) $a \sin\theta + b \cos\theta$

maximum value = $\sqrt{a^2 + b^2}$

& minimum value = $-\sqrt{a^2 + b^2}$

Ex. $3 \sin\theta + 4 \cos\theta$

Maximum value = $\sqrt{3^2 + 4^2} = \sqrt{25} = 5$

Minimum value = $-\sqrt{3^2 + 4^2} = -5$

(iii) In case of $\tan^2\theta$, $\cot^2\theta$, $\sec^2\theta$ & $\operatorname{cosec}^2\theta$, we cannot find the maximum value since they can have infinite value ($\tan 90 = \infty$, $\cot 0 = \infty$, $\sec 90 = \infty$, $\operatorname{cosec} 0 = \infty$),

i.e. we can say that we can find only minimum value

(a) $m \tan^2\theta + n \cot^2\theta$

$m \sin^2\theta + n \operatorname{cosec}^2\theta$

$m \cos^2\theta + n \sec^2\theta$

Minimum value = $2\sqrt{mn}$

Ex. If $A = 9 \tan^2\theta + 25 \cot^2\theta$, then find the minimum value of A

Sol. $A = 9 \tan^2\theta + 25 \cot^2\theta$

$A = 2 \times \sqrt{9 \times 25}$

$= 2 \times 3 \times 5 = 30$

Practice Exercises

1. Find the minimum & maximum value of $7 \sin^2\theta + 11 \cos^2\theta$

(a) 7, 11

(b) $2\sqrt{77}$

(c) $\sqrt{77}$

(d) 11, 7

2. Find the maximum value of $4 \sin\theta + 9 \cos\theta$

(a) $\sqrt{97}$

(b) $-\sqrt{97}$

(c) 9

(d) 4

3. Find the minimum value of $9 \tan^2\theta + 4 \cot^2\theta$

(a) $\sqrt{13}$

(b) 12

(c) 9

(d) 4

4. Find the minimum value of $4 \sin^2\theta + 25 \operatorname{cosec}^2\theta$

(a) 10

(b) 20

(c) 25

(d) 4

5. Find the minimum value of $9 \sec^2\theta + 7 \operatorname{cosec}^2\theta$

(a) $16 + 6\sqrt{7}$

(b) $2\sqrt{63}$

(c) 9

(d) $18 + 7\sqrt{7}$

6. Find the maximum value of $144 \sin^2\theta + 189 \cos^2\theta$

(a) 5

(b) -5

(c) 144

(d) 189

7. Find the maximum value of $3 + 8 \sin^2\theta + 9 \cos^2\theta$

(a) 9

(b) 12

(c) 8

(d) $2\sqrt{72}$

8. Find the minimum value of $7 \cos^2\theta + 9 \sec^2\theta$

(a) $4\sqrt{63}$

(b) $\sqrt{63}$

(c) 9

(d) $6\sqrt{7}$

9. Find the minimum value of $16 \tan^2\theta + 144 \cot^2\theta$

(a) 96

(b) $\sqrt{96}$

(c) 16

(d) 144

10. Find the minimum value of $3 \sec^2\theta + 4 \operatorname{cosec}^2\theta + 7$

(a) $14 + 4\sqrt{3}$

(b) 14

(c) 7

(d) ∞

Solutions:

1. (d); 11, 7

2. (a); $\sqrt{4^2 + 9^2} = \sqrt{97}$

3. (b); $2\sqrt{9 \times 4} = 12$

4. (b); $2\sqrt{4 \times 25} = 20$

5. (a); $9 \sec^2\theta + 7 \operatorname{cosec}^2\theta = 9(1 + \tan^2\theta) + 7(1 + \cot^2\theta)$
 $= 16 + 9 \tan^2\theta + 7 \cot^2\theta = 16 + 2\sqrt{9 \times 7} = 16 + 6\sqrt{7}$

6. (d);

7. (b); $3 + 9 = 12$

8. (d); $2\sqrt{7 \times 9} = 6\sqrt{7}$

9. (a); $2\sqrt{16 \times 144} = 96$

10. (a); $3(1 + \tan^2\theta) + 4(1 + \cot^2\theta) + 7$
 $= 14 + 3 \tan^2\theta + 4 \cot^2\theta$
 $= 14 + 2\sqrt{3 \times 4} = 14 + 4\sqrt{3}$

Handy Notes Reasoning: PUZZLES

As you know festival of exam i.e. IBPS PO/Clerk, IBPS RRB PO/clerk, India Post Payment bank, NIACL etc. is on head. So, in this month edition we want to give handy notes on the most important part of reasoning i.e. "Puzzles"



⇒ Nowadays by analyzing the pattern of exam rather than by saying "Reasoning Ability" section we can say "Puzzles Ability"

section. As in every exam at least 3 to 5 puzzles are coming.

⇒ Now the first question arises in our mind

What is Puzzles ??

Explanation:– Puzzles is a set of information which is given in complex or twisted form and by applying your reasoning ability you have to simplify the complex information.

❖ Approach to attempt puzzles:–

1. In puzzles, first of all collect all the direct information which is given.
2. Arrange them in simplified form.
3. Point out all the negative information.
4. Other facts can be find out from the indirect information.
5. The most part is that in many cases there will be more than one possibility.
6. Don't hesitate to go for possibility, take all conditions.
7. And at a point all possibilities which violates other information in puzzles except one all possibilities will be cancel.
8. By following this process, you will get the desired result.

❖ Classification of puzzles :–

According to questions which are coming in exam we are classifying different types of puzzles:–

- a. Puzzles based on categorization.
- b. Puzzles based on comparison.
- c. Puzzles based on Blood Relation.
- d. Day/month based puzzles.
- e. Floor based puzzles.

→ Now we will discuss each types of puzzles :–

a. Puzzles based on categorization

The most simple type of questions on this topic comes under this category where you would be suppose to analyze the given information you would be suppose to analyze the given information and simply arrange different variables in different categories.

Examples :– There are six cities A, B, C, D, E and F and they belong to atleast one of the types of places i.e. Historical, Industrial and Hill station. B is not an industrial area. C and F belongs to all types of places. E is both industrial and Hill

station. A is not a hill station. B and E are not historical places. D is not an industrial city. A and D are not historical cities. A and B are not alike.

Solutions:

	A	B	C	D	E	F
Historical	x	x	✓	x	x	✓
Industrial	✓	x	✓	x	✓	✓
Hill station	x	✓	✓	✓	✓	✓

b. Puzzles based on comparison:

In this types comparison of different objects or persons have to made and conclude the final result on the basis of comparison.

Comparison can done for different variables:–

- (i) comparison of heights
- (ii) comparison of marks
- (iii) comparison of age, etc.

Example:– Among four friend A, B, C and D. A is taller than B, who is shorter than D. D is not the tallest and A is shorter than D.

Solution:– $C > D > A > B$

(Tallest to shortest)

c. Puzzles based on blood relation:–

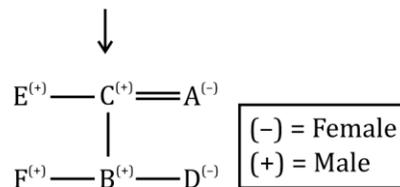
Problems of this type involve analysis of certain blood relations and then inferring on the basis of the given information.

Generation tree is the important tool to solve question based on this topic.

Example:– All the six members of a family A, B, C, D, E and F are travelling together. B is the son of C and C is not the mother of B. A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

Solutions :–

Generation Tree



d. Day/month based puzzles:– In this type of puzzle, information will be given related to days or month. The basic step to solve this types of puzzle is to fix days/months from top to bottom and arrange information according to given condition.

Example: Seven persons R, J, M, Q, L, T and K conduct

workshop on developing Managerial skills in seven different companies A, B, C, D, E, F and G on a different day of the week from Monday to Sunday. The order of persons, companies and days of the week are not necessarily the same. J organizes workshop in company D on Wednesday. Q does not conduct workshop for companies A or C and conducts on the next day of L who conducts the workshop for company F. T conducts workshop for company E on Friday. K conducts workshop on Monday but not for company C or G. M conducts workshop for company A but not on Tuesday.

Solutions:

Days	Name	Company
Mon	K	B
Tue	R	C
Wed	J	D
Thu	M	A
Fri	T	E
Sat	L	F
Sun	Q	G

3	Q
2	M
1	R

e. Floor based puzzle :- This is the next type of puzzle in which different persons are arranged on different floors. Information will be given in complex form, you have to simplify it by applying your puzzles ability and sometimes some more variables will be there in the question. You have to just identify the direct, negative and indirect information and solve puzzles accordingly.

Examples :- A building has eight floors 1 to 8 in such a way that ground floor in numbered 1, topmost floor is numbered 8. Eight persons G, P, M, Q, A, D and C are staying each on one of these floor mentioned above. A is staying on floor no. 6 . There is a gap of three floors between G and R. C is staying on the topmost floor. Neither P nor M is staying on floor no. 5. Q is staying in the middle of floor P and M. R is staying on floor no. 1. M is not an immediate neighbour of G.

Note:- The basic rule to solve the questions of floor is to fix the floor number from top to bottom or bottom to top as information given in the question and then arrange other variables according to information of question.

Solutions :-

Floor no.	Person
8	C
7	D
6	A
5	G
4	P

- ❖ Some time miscellaneous types of puzzles also comes in which there will be combination of two types (i.e. floor-Blood relation, Days-Blood Relation, Days and categorization etc.) so, basic rule to attempt these questions is also same.
 - ❖ Puzzles are always tricky so, take care of every words and sentence.
 - ❖ So, Dear friends puzzles is one of the most important part of reasoning section and practice is most important for this topic. As much you will practice you will get better results.
- This is all about the concept of “puzzles”. We have tried our best to make clear each and every point in puzzle. For more practice you should attempt our Mocks. In next month edition we will come with handy notes of new topic of Reasoning.

So, stay connected with **Competition Power.....**

Adda 247
Official BankersAdda Android App

Share the App with Friends
Unlock all Mega Quizzes

0/3 Friends Signed Up

- Share the App with 3 Friends.
- Your friends Sign Up for the App.
- Bingo! All Mega Quizzes are Unlocked Forever.

Sharing will create :
Real Competition | Better Result | Better Judgement
Do Share IT!

Handy Notes English : Conjunctions

Conjunctions connect words or groups of words to each other. There are four kinds of conjunctions:

- Coordinating conjunctions
- Correlative conjunctions
- Subordinating conjunctions
- Conjunctive adverbs.

1. Coordinating Conjunctions

i) Coordinating conjunctions must connect the same parts of speech—two or more nouns, pronouns, verbs, adjectives, prepositions, conjunctions, phrases, or clauses.

A strong but warm breeze blew across the desert. (two adjectives: strong & warm)

Please print or type the information on the application form. (two verbs: print & type)

Her arguments were easy to ridicule yet hard to refute. (two phrases of equal importance: “easy to ridicule” & “hard to refute”)

Note how the two linked words in the following sentence are not the same part of speech:

He was angry and a dwarf.

This sentence is awkward because “angry” is an adjective and “dwarf” is a noun, thus they are incompatible.

The coordinating conjunctions are: **and, but, or, yet, for, nor, so**

2. Correlative Conjunctions

i) Correlative conjunctions join equal elements (parts of speech or phrases).

Both Nimisha and Ankita submitted bids on the project. (two proper nouns: Nimisha and Ankita)

Prashant not only sent a card but also visited me in the hospital. (two action phrases: sent a card & visited me)

The correlative conjunctions come in pairs. They are: **both...and, just as...so, not only...but also, either...or, neither...nor, whether...or**

3. Subordinating Conjunctions

i) Subordinating conjunctions introduce adverb clauses and signal the relationship between the adverb clause and another clause, usually an independent clause.

An adverb clause answers the question how, when, or why. An independent clause is group of words that can stand on its own as a complete sentence. In the following sentence, the subordinating conjunction when signals a time relationship, letting us know that one event (the fire alarm going off) caused the other (the jumping).

I jumped when the fire alarm went off

The subordinating conjunctions are: after, although, as, as if, because, before, if, in order that, once, since, so that, than, though, unless, until, when, where, while

4. Conjunctive adverbs

Conjunctive adverbs connect two sentences. They explain how the first sentence relates to the second. They can be considered both adverbs and conjunctions because they modify the second clause and connect the second clause to the first

The conjunctive adverbs are:

Also	anyway	besides	certainly	finally	furthermore
however	incidentally	indeed	instead	likewise	Meanwhile
moreover	namely	nevertheless	next	now	Otherwise
similarly	still	then	therefore	thus	undoubtedly

CAREER POWER
AN IIT/IIM ALUMNI COMPANY

**SSC
CHSL (10+2)**

TIER-I ONLINE TEST SERIES

Bi-Lingual

Total Test: 25 Price: Rs. 399/-
Visit: onlinestore.careerpower.in

Handy Notes Computer: Computer Terminologies

Domain: Typically, a three-letter element in a Web address or an e-mail address. The domain—commonly referred to as the zone—indicates the type of organization that owns the computer being identified in the address. For example, .com signifies a commercial organization; .edu signifies an educational institution.

DOS: An acronym derived from Disk Operating System. The term refers to a program that allows the computer to manage the storage of information on disks and controls other aspects of a computer's operation.

Dot-com: An organization that sells its products or services on a Web site. A dot-com that fails to stay in business is referred to as a dot-bomb.

Dot matrix printer: A printer that uses pins to produce characters made up of small dots. This kind of printer is generally used by organizations that want to produce form letters or mailing labels economically.

Double-click: To quickly press and release a mouse button twice while the cursor (mouse pointer) is positioned over a specific item on the screen.

Download: To transfer information to the user's computer from another computer.

Drag-and-Drop Editing: A software feature that allows the user to

- (1) highlight text to be moved and
- (2) use a mouse to drag the text to a new location.

DRAM: Dynamic random access memory.

DSL: Digital subscriber line. DSL is a high-bandwidth method of connecting to the Internet by means of telephone lines.

Duplexing: A procedure that permits two computers to transmit data to each other simultaneously.

DVD: Digital video disc or digital versatile disc.

DVD-R: Digital video disc-recordable.

DVD-ROM: Digital video disc—read-only memory.

Dynamic data exchange (DDE): A technology that permits the user to transfer or paste data from one application (for example, a spreadsheet) to another (for example, a report). Because of the dynamic link created by this technology, any change in the data in the original application will be automatically reflected in the data copied in the second application.

Easter egg: An unexpected image or message that pops up on the display screen when the user innocently enters a secret combination of keystrokes. Programmers playfully code Easter eggs into software and operating systems as a way of surprising and amusing users engaged in more serious tasks.

E-book: A small reading device that displays downloaded digital text.

Editing: The process of changing information by inserting, deleting, replacing, rearranging, and reformatting.

Ellipsis marks: Three spaced dots (. . .) that appear as part of a menu option. Ellipsis marks indicate that a dialog box will appear if that option is selected.

E-mail (short for electronic mail): The term e-mail refers to the transfer of messages or documents between users connected by an electronic network. The term is also used to refer to the message that is being transmitted in this way.

Encryption: Coding confidential data so that only a user with the right password can read the data.

Enter: To input data into memory. (See also Type.) Also the name of a key on a computer keyboard.

Escape key: A key that permits the user to leave one segment of a program and move to another.

Ethernet: A type of computer network.

Ethernet card: A circuit board that allows a computer to be connected to a network by cable.

Execute: To perform an action specified by the user or the program.

Export: To save information from one computer or program to another.

Extranet: A technology that permits users of one organization's intranet to enter portions of another organization's intranet in order to conduct business transactions or collaborate on joint projects.

E-zine: A magazine published in an electronic format. Also called Webzine.

Face time: Time spent dealing with someone face to face (as opposed to time spent communicating electronically).

Handy Notes Banking : ALL ABOUT ATM'S

What is an Automated Teller Machine (ATM)?

Automated Teller Machine is a computerized machine that provides the customers of banks the facility of accessing their account for dispensing cash and to carry out other financial & non-financial transactions without the need to actually visit their bank branch.

II.

What are White Label ATMs (WLAs)?

ATMs set up, owned and operated by non-banks are called White Label ATMs. Non-bank ATM operators are authorized under Payment & Settlement Systems Act, 2007 by the Reserve Bank of India.

III.

What is the difference between ATM and WLA (White Label ATM)?

- i) In White Label ATM scenario, logo displayed on ATM machine and in ATM premises pertain to WLA Operator instead of a bank. However, for a customer, using WLA is just like using the ATM of other bank (bank other than card issuing bank).
- ii) Acceptance of cash deposits at the WLAs is not permitted at present.

Note: White Label ATMs has been set up to increase the geographical spread of ATM for increased / enhanced customer service.

What are the services/facilities available at ATMs/WLAs?

In addition to cash dispensing, ATMs/WLAs may offer many other services/facilities to bank customers. Some of these services include:

- Account Information
- Cash Deposit (**Acceptance of deposits are not permitted at WLAs**)
- Regular Bills Payment (**not permitted at WLAs**)
- Purchase of Re-load Vouchers for Mobiles (**not permitted at WLAs**)
- Mini/Short Statement
- PIN change
- Request for Cheque Book

What is Personal Identification Number (PIN)?

PIN is the numeric password which is separately mailed / handed over to the customer by the bank while issuing the card. Most banks require the customers to change the PIN on the first use. Customer should not disclose PIN to anybody, including to bank officials. Customers should change the PIN at regular intervals.

Are customers entitled to any free transactions at ATMs?

Yes. With effect from November 01, 2014, a bank must offer to its savings bank account holders a **minimum number of free**

transactions at ATMs as under:

Transactions at a bank's own ATMs at any location: Banks must offer their savings bank account holders a minimum of five free transactions (including both financial and non-financial) in a month, irrespective of the location of ATMs.

Transactions at any other banks' ATMs at Metro locations: In case of ATMs located in six metro locations, viz. Mumbai, New Delhi, Chennai, Kolkata, Bengaluru and Hyderabad, banks must offer their savings bank account holders a minimum of three free transactions (including both financial and non-financial transactions) in a month.

Transactions at any other banks' ATMs at Non-Metro locations: At other locations, banks must offer the savings bank account holders a minimum of five free transactions (including both financial and non-financial transactions) in a month at other bank ATMs.

RBI has mandated only the minimum number of free transactions at ATMs. Banks may offer more number of transactions free of cost to their customers.

The above does not apply to Basic Savings Bank Deposit Accounts (BSBDA) as withdrawals from BSBDA are subject to the conditions associated with such accounts.

Note: Customers can be charged a maximum of Rs. 20/- per transaction (plus service tax, if any) in case of over and above the mandated number of free transactions.

What steps should a customer take in case of failed ATM transaction at other bank/white label ATMs, when his / her account is debited?

The customer should lodge a complaint with the **card issuing bank at the earliest**. This process is applicable even if the transaction was carried out at another bank's/non-bank's ATM. In case of WLAs, the contact number/toll free numbers are also available for lodging complaints regarding failed transactions at their ATMs.

Is there any time limit for the card issuing banks for recrediting the customers account for a failed ATM/WLA transaction?

As per the RBI instructions, banks have been mandated to resolve customer complaints by re-crediting the customer's account within 7 working days from the date of complaint.

Are the customers eligible for compensation for delays beyond 7 working days?

Yes. Effective from July 1, 2011, banks have to pay compensation of Rs. 100/- per day for delays in re-crediting the amount beyond 7 working days from the date of receipt of complaint for failed ATM transactions. The compensation has to be credited to the account of the customer without any claim being made by the customer. If the complaint is not lodged within 30 days of transaction, the customer is not entitled for any compensation for delay in resolving his / her complaint.

Handy Notes : MEDIEVAL HISTORY- Mughals Part 2

Aurangzeb

- The war of succession took place in the later stage of the Shah Jahan reign.
- His four sons Dara Shikoa, Aurangzeb, Shah Shuja and Murad were in the state of war for the throne.
- His daughters also supported one son or the other in the tussle for throne Janah Ara supported Dara. Roshan Ara supported Aurangzeb. Guhara supported Murad.
- Aurangzeb was coroneted twice, he was the only Mughal king to be coroneted twice
- Barnier was the foreign visitor who saw the public disgrace of Dara after he was finally defeated in war at Deorai.
- During the first 23 years of the rule (1658-81) Aurangzeb concentrated on North India. During this period the Marathas under Shivaji rose to power and were a force to reckon with.
- Highest numbers of Hindu Mansabdars were there in the service of Mughals during the reign of Aurangzeb.
- Aurangzeb captured Guru Teg Bahadur, the 9th Guru of Sikhs in 1675 and executed him when he refused to embrace Islam.
- The 10th and last Sikh Guru, Guru Gobind Singh, son of Guru Teg Bahadur, organized his followers into militant force called Khalsa to avenge the murder of his father.
- Guru Gobind Singh was, however murdered in 1708 by an Afghan in Deccan. Banda Bahadur, the militant successor of Guru Gobind Singh continued the war against Mughals.

Religious policy of Aurangzeb:

- He was called Zindapir or living saint
- Muhatasibs were appointed for regulation of moral conduct of the subjects
- He forbade singing in the court, but allowed musical instruments. He himself played Veena
- He ended Jhoraka darshan started by Akbar
- He ordered that no new Hindu temples were to be built. Old temples were allowed to be repaired
- The Viswanath temple at Kashi and the Keshav Rai temple of Bir Singh Bundela at Mathura were destroyed
- In 1679 he re-imposed Jaziya tax

CLASH WITH MARATHAS

- Shivaji was the most powerful Maratha king and an arch enemy of Aurangzeb.
- When Aurangzeb could not eliminate him, he conspired with Jai Singh of Amber, a Rajput, to eliminate Shivaji in 1665.
- On the assurance given by Jai Singh, Shivaji visited Aurangzeb's court. Shivaji was imprisoned by Aurangzeb but he managed to escape and in 1674 proclaimed himself an independent monarch.
- Shivaji died in 1680 and was succeeded by his son Sambhaji,

who was executed by Aurangzeb in 1689. Sambhaji was succeeded by his brother Rajaram and after his death in 1700, his widow Tarabai carried on the movements.

Mughal administration

Mansabdari system:

- Each Mughal officer was assigned a mansab (rank), there were 66 categories of Mansabdars
- Jahangir introduced Du-Aspah-Sih-Aspah system whereby the specific noble was to maintain double the number of horsemen.

Central administration:

Wakil: He was initially the prime minister, however later became revenue advisor only

Mir Bakshi: He was the head of military department

Provincial administration:

- The empire was divided into provinces or Subas
- In 1580, Akbar divided the empire into 12 provinces. The number of provinces became 15 towards the end of his reign.
- In Jahangir's reign the number of provinces rose to 17 and further in Aurangzeb's reign to 21
- The Nazim or Subedar was the head of provinces

Local administration:

- The provinces were divided into Sarkars, which were sub divide into Parganas and further into villages

Mughal Culture

- Jahangir's reign was the apex culmination for the Mughal painting while that of Shah Jahan was the apex culmination for architecture.
- Babur built two mosques, one at Kabulibagh in Panipat and the other at Sambhal in Rohilakhand.
- Humayun's tomb was built by his widow Haji Banu Begum.
- The Mariam's palace, Diwan-i-Aam, Diwan-i-Khas at Sikri are Indian in their plan.
- Buland Darwaja (built after Gujarat victory), formed the main entrance to Fatehpur Sikri.
- Salim Chisti's tomb (redone in Marble by Jahangir) is the first Mughal building in pure marble). Palace of Birbal and palace of Tansen are also inside the Fatehpur Sikri.
- Akbar also began to build his own tomb at Sikandara which was later completed by Jahangir.
- The architecture of Fatehpur Sikri is known as Epic in red sand stone.
- Nurjahan built Itimad-ud-daula or Mirza Ghiyas Beg's marble tomb at Agra, which is noticable for the first use of Pietra Dura (floral designs made up of semiprecious stones) technique.

- Jahangir built Moti Masjid in Lahore and his mausoleum at Shahdara (Lahore).
- Some of the important buildings built by Shahajahan at Agra are Moti Masjid (only Mosque of marble). Khaas Mahal, Mussmman Burz (Jasmine Palace where he spent his last year in captivity) etc.
- He laid the foundations of Shahjahanabad in 1637 where he built the Red Fort and Takht-i-Taus (Peacock throne).
- Only building by Aurangzeb in the Red Fort is Moti Masjid.
- Only monument associated with Aurangzeb is Bibi ka Makbara which is the tomb of his wife Rabbiaud-daura in Aurangabad.
- Aurangzeb also built the Badshahi Masjid in Lahore.
- Humayun had taken into his service two master painter Mir Syed Ali and Abdus Samad.
- Daswant and Basawan were two famous painters of Akbar's court.
- Abdul Hassan, Ustad Mansur and Bishandas were three famous painters of Jahangir's court.

The landmark events that took place during the reign of Akbar

- 1562 Visited Ajmer first time
- 1562 Ban on forcible conversion of war-prisoners into slaves
- 1563 Abolition of Pilgrimage Tax
- 1564 Abolition of Jaziya
- 1571 Foundation of Fatehpur Sikri
- 1574 Mansabadari System introduced
- 1575 Ibadatkhana was built
- 1578 Parliament of Religions in Ibadatkhana
- 1579 Proclamation of 'Mazhar' (written by Faizi)
- 1580 Dahsala Bandobast introduced
- 1582 Din-i-Ilahi / Tauhid-i-Ilahi
- 1584 Ilahi Samvat i.e. Calender
- 1587 Ilahi Gaz i.e. Yard

Mughal Literature

- Akbar Nama--Abul Fazl
 - Tobaqat-i-Akbari--Khawajah Nazamuddin Ahmad Baksh
 - Iqbalnama-i-Jahangiri--Muhammad Khan
 - Ain-i-Akbari --Abul Fazl
 - Padshah Namah-- Abdul Hamid Lahori
 - Shahjahan Namah-- Muhammad Salih
 - SIRR-i-Akbar-- Dara Shikoh
 - Safinat-ul-Auliya -- Dara Shikoh
 - Majma-ul-Bahrain -- Dara Shikoh
 - Raqqat-e-Alamgiri – Aurangzeb
1. Which Mughal ruler in Indian history as "Shah-e.- Bekhabar?"
Ans. Bahadur Shah.
 2. During the reign of which Mughal ruler there was a Sikh rising in Punjab under the leadership of Banda Bahadur? -Ans. Bahadur Shah.
 3. Who abolished the Jazia tax reimposed by Aurangzeb ? Ans. Jahandar Shah.
 4. Who was Ahmad Shah Abdali ? - Ans. He was the Defense

Minister of Nadir Shah.

5. Between whom the third battle of Panipat was fought and when ? Ans. Ahmad Shah Abdali and the Marathas in 1761 AD?
6. Which Mughal ruler participated in the battle of Buxar in 1764 AD, in favour of Mir Qasim of Bengal and Nawab' of Avadh Shuja-ud-Daula against the British rule? - Ans. Shah Alam II.
7. Which Mughal ruler had to grant the Diwani of Bengal, Bihar and Orissa to the British after the battle of Buxar? Ans. Shah Alam II.
8. Who was the last ruler of Mughal dynasty ? Ans. Bahadur Shah Zafar.
9. Where Bahadur Shah Zafar was deposed in capital? Ans. Rangoon.
10. Where Bahadur Shah Zafar died ? Ans. In Rangoon.
11. Who is the **architect** of **Tajmahal** ? Answer: **Uztad Iza**
12. What is the Gate way of **Redfort** called as ? Answer: **Lahore Gate**
13. Which is the biggest masjid in India ? Answer: **Jama Masjid in delhi**

Bahadur Shah 1 (1707-12)

- Muzam succeeded Aurangzeb after latter's death in 1707
- He acquired the title of Bahadur Shah.
- Though he was quite old (65) and his rule quite short there are many significant achievements he made
- He reversed the narrow minded and antagonistic policies of Aurangzeb
- Made agreements with Rajput states
- Granted sardeshmukhi tMarathas but not Chauth
- Released Shahuji (son of Sambhaji) from prison (who later fought with Tarabai)
- Tried to make peace with Guru Gobind Sahib by giving him a high Mansab.
- After Guru's death, Sikhs again revolted under the leadership of Banda Bahadur. This led to a prolonged war with the Sikhs.
- Made peace with Chhatarsal, the Bundela chief and Churaman, the Jat chief.
- State finances deteriorated

Jahandar Shah (1712-13)

- Death of Bahadur Shah plunged the empire into a civil war
- A noted feature of this time was the prominence of the nobles
- Jahandar Shah, son of Bahadur Shah, ascended the throne in 1712 with help from Zulfikar Khan
- Was a weak ruler devoted only to pleasures
- Zulfikar Khan, his wazir, was virtually the head of the administration
- ZK abolished jizyah
- Peace with Rajputs: Jai Singh of Amber was made the Governor of Malwa. Ajit
- Singh of Marwar was made the Governor of Gujarat.
- Chauth and Sardeshmukh granted to Marathas. However, Mughals were to collect it and then hand it over to the Marathas.

- Continued the policy of suppression towards Banda Bahadur and Sikhs
- Ijarah: (revenue farming) the government began to contract with revenue farmers and middlemen to pay the government a fixed amount of money while they were left free to collect whatever they could from the peasants
- Jahandhar Shah defeated in January 1713 by his nephew Farrukh Siyar at Agra

Farrukh Siyar (1713-19)

- Owed his victory to Saiyid Brothers: Hussain Ali Khan Barahow and Abdullah Khan
- Abdullah Khan: Wazir, Hussain Ali: Mir Bakshi
- FS was an incapable ruler. Saiyid brothers were the real rulers.

Saiyid Brothers

- Known the Indian History as King Makers
- adopted the policy of religious tolerance. Abolished jizyah (again?).
- Pilgrim tax was abolished from a number of places
- Marathas: Granted Shahuji swarajya and the right to collect chauth and sardeshmukhi of the six provinces of the Deccan
- They failed in their effort to contain rebellion because they were faced
- with constant political rivalry, quarrels and conspiracies at the court.
- Nobles headed by Nizam-ul-Mulk and Muhammad Amin Khan began to conspire against them
- In 1719, the Saiyid Brothers killed and overthrew FS.
- This was followed by placing, in quick succession, of two young princes who died of consumption
- Murder of the emperor created a wave of revulsion against the SB.
- They were looked down as 'namak haram'
- Now, they placed 18 year old Muhammad Shah as the emperor of India
- In 1720, the nobles assassinated Hussain Ali Khan, the younger of the SB.
- Abdullah Khan was also defeated at Agra

Muhammad Shah 'Rangeela' (1719-1748)

- Weak-minded, frivolous and over-fond of a life of ease
- Neglected the affairs of the state
- Intrigued against his own ministers
- Naizam ul Mulk Qan Qalik Khan, the wazir, relinquished his office and founded the state of Hyderabad in 1724
- "His departure was symbolic of the flight of loyalty and virtue from the Empire"
- Hereditary nawabs arose in Bengal, Hyderabad, Awadh and Punjab
- Marathas conquered Malwa, Gujarat and Bundelkhand
- 1738: Invasion of Nadir Shah
- Nadir Shah's Invasion (1738)

- Attracted to India by its fabulous wealth. Continual campaigns had made Persia bankrupt
- Also, the Mughal empire was weak.
- Didn't meet any resistance as the defense of the north-west frontier had been neglected for years
- The twarmies met at Karnal on 13th Feb 1739. Mughal army was summarily defeated. MS taken prisoner
- Massacre in Delhi in response to the killing of some of his soldiers
- Plunder of about 70 crore rupees. Carried away the Peacock throne and Koh-inoor
- MS ceded thim all the provinces of the Empire west of the river Indus
- Significance: Nadir Shah's invasion exposed the hidden weakness of the empire to the Maratha sardars and the foreign trading companies

Ahmed Shah Abdali

- One of the generals of Nadir Shah
- Repeatedly invaded and plundered India right down to Delhi and Mathura between 1748 and 1761. He invaded India five times.
- 1761: Third battle of Panipat. Defeat of Marathas.
- As a result of invasions of Nadir Shah and Ahmed Shah, the Mughal empire ceased to be an all-India empire. By 1761 it was reduced merely to the Kingdom of Delhi

Shah Alam II (1759)

- Ahmed Bahadur (1748-54) succeeded Muhammad Shah
- Ahmed Bahadur was succeeded by Alamgir II (1754-59)
- 1756: Abdali plundered Mathura
- Alamgir II was succeeded by Shah Jahan III
- Shah Jahan III succeeded by Shah Alam II in 1759
- Shah Alam spent initial years wandering for he lived under the fear of his wazir.
 - In 1764, he joined forces with Mir Qasim of Bengal and Shuja-ud-Daula of Awadh in declaring a war upon the British East India company. This resulted in the Battle of Buxar
- Pensioned at Allahabad.
- Returned to Delhi in 1772 under the protection of Marathas.

Decline of the Mughal Empire

- After 1759, Mughal empire ceased to be a military power.
- It continued from 1759 till 1857 only due to the powerful hold that the Mughal dynasty had on the minds of the people of India as a symbol of the political unity of the country
- In 1803, the British occupied Delhi
- From 1803 to 1857, the Mughal emperors merely served as a political front of the British.
- The most important consequence of the fall of the Mughal empire was that it paved way for the British to conquer India as there was no other Indian power strong enough to unite and

hold India.

STAFF SELECTION COMMISSION

(TENTATIVE SCHEDULE FOR EXAMINATIONS TO BE HELD DURING THE YEAR 2016-17)

SI No.	Name of examination	Date of Advt.	Closing Date	Date of Exam
1.	Combined Graduate level Exam, 2016 (Tier-II)	-	-	30.11.2016 to 02.12.2016 (CBE)*
2.	Junior Engineer (Civil, Electrical & Mechanical) Examination – 2016 (Paper-I)	01.10.2016	31.10.2016	8, 9 and 12 th Dec. 2016 (CBE)*
3.	Rectt. Of SI in CAPFs, ASI in CISF and SI in Delhi Police Examination – 2016	-	-	18.12.2016 Paper-II (CBE)*
4.	Combined Higher Secondary (10+2) Exam., 2016 (Tier-I)	08.10.2016	07.11.2016	7.1.2017 to 5.2.2017 CBE*
5.	Combined Graduate Level Exam, 2016 (Tier-III & IV)	-	-	15.1.2017 (T-III-DES)** 17.1.2017 to 17.2.2017 (T-IV-CPT/DEST)
6.	Junior Engineer (Civil, Electrical & Mechanical) Examination-2016 (Paper-II)	-	-	19.2.2017 (DES)**
7.	Recruitment for Constables (Exe.) in Delhi Police Exam-2016	10.09.2016	10.10.2016	04.03.2017 to 07.03.2017 (CBE)*
8.	Multi-Tasking (Non-Technical) Staff Examination – 2016 (Paper-I)	24.12.2016	20.01.2017	16.04.2017 / 30.04.2017 07.05.2017 (OMR)***
9.	Rectt. Of SI in CAPFs, ASI in CISF and SI in Delhi Police Examination – 2017 (Paper-I)	28.01.2017	05.03.2017	15-22 May, 2017 (CBE)*
10.	Combined Higher Secondary (10+2) Exam., 2016 (Tier-II)	-	-	04.06.2017 (DES)**
11.	Combined Graduate Level Examination – 2017 (Tier-I)	11.03.2017	15.04.2017	19.06.2017 to 02.07.2017 (CBE)*
12.	Constable GD (CAPFs) Examination – 2016	12.11.2016	09.12.2016	15.07.2017 to 22.07.2017-(CBE)*
13.	Combined Jr. Hindi Translator in Subordinate Office/CSOL/Hindi Pradhypak Exam – 2017	29.04.2017	27.05.2017	30.07.2017 (OMR)*** (P-I) and (Paper-II-DES)**
14.	Stenographer Grade 'C' & 'D' Examination -2017	17.06.2017	15.07.2017	27.08.2017 (OMR)***
15.	Combined Graduate Level Examination -2017 (Tier-II)	-	-	5-8 September, 2017 (CBE)*
16.	Rectt. Of SI in CAPFs, ASI in CISF and SI in Delhi Police Exam-2017 (Paper-II)	-	-	08.10.2017 (OMR)***
17.	Combined Graduate Level Examination-2017 (Tier-II)	-	-	12.11.2017 (DES)**
18.	Combined Higher Secondary (10+2) Exam., 2017 (Tier-I)	05.08.2017	04.09.2017	17-30 November, 2017 (CBE)*
19.	Combined Graduate Level Examination -2017 (Tier-IV)	-	-	December, 2017 (SKILL)
20.	Multi-Tasking (Non-Technical) Staff Examination-2016 (Paper-I)	-	-	17.12.2017 (DES)**
21.	Junior Engineer (Civil, Electrical & Mechanical) Examination-2017 (Paper-I)	09.09.2017	09.09.2017	5-7 January, 2018 (CBE)**
22.	Junior Engineer (Civil, Electrical & Mechanical) Examination-2017 (Paper-II)	-	-	01.04.2018 (DES)**
23.	Combined Higher Secondary (10+2) Exam., 2017 (Tier-II)	-	-	15.04.2018 (DES)**

DEPARTMENTAL EXAMINATION

SI No.	Name of examination	Date of Advt.	Closing Date	Date of Exam
1.	Upper Division Clerks Deptt. Comp. Examination 2016 (Paper-I and Paper-II)	01.10.2016	31.10.2016	03.12.2016 OMR***
2.	Clerks' Grade (for Multi-Tasking Staff only) Exam., 2017	21.01.2017	17.02.2017	02.04.2017 OMR***
3.	Grade 'C' Steno. Ltd. Depttl. Comp. Exam., 2017	15.04.2017	12.05.2017	02.07.2017 OMR***
4.	Upper Div. Clerk Ltd. Depttl. Comp. Exam., 2017	02.09.2017	29.09.2017	12.11.2017 OMR***

(*) – CBE – Computer Based Examination (**) – DES – Descriptive Paper (***) – OMR – Optical Mark Recognition

Upper Secretary (P & P-I)
18.10.2016

THE HINDU REVIEW : OCTOBER 2016

1. Prime Minister Narendra Modi inaugurated India Sanitation conference (INDOSAN) in New Delhi ahead of second anniversary of Swachh Bharat Mission.
2. Every year 1st October is observed as International day of Older Persons (IDOP). This year, the theme is "Take a Stand Against Ageism."
3. Pakistan has officially postponed the 8-nation SAARC summit 2016, after 5 countries— India, Afghanistan, Bangladesh, Bhutan and Sri Lanka dropped out of it.
4. Javelin thrower Annu Rani broke her own national record and in the process became the first Indian woman to cross the 60m mark on the third and penultimate day of the 56th Open National Athletics Championships in Lucknow.
5. Telugu author and eminent scholar Prof Kolakaluri Enoch was honoured with the 29th Moortidevi Award of Bharatiya Jnanpith for the year 2015 for his novel Ananta Jeevanam.
6. Mohit Kampani, the former managing director of Spencer's Retail, will be joining Aditya Birla Retail (ABRL) as chief executive officer.
7. Somesh Sharma of Rashtradoot Saptahik has been elected President of The Indian Newspaper Society for the year 2016-17. He succeeds PV Chandran of Grihalakshmi (Mathrubhumi Group).
8. The Centre has appointed R Subramania Kumar as Executive Director of Indian Overseas Bank. Prior to this appointment, Kumar was Executive Director of Indian Bank.
9. According to the recent publication released by the Botanical Survey of India (BSI) on "Endemic Vascular Plants of India", Tamil Nadu accounts for the highest number of flowering plants in the country.
10. The International Day of Non-Violence is observed on October 2, the birthday of Mahatma Gandhi.
11. India ratified the Paris Agreement on Climate Change by depositing the instrument of ratification with the United Nations, the 147th birth anniversary of Mahatma Gandhi.
12. The Indian government has invited the Crown Prince of Abu Dhabi Sheikh Mohamed bin Zayed Al Nahyan to be the next Chief Guest at India's Republic Day parade of 2017.
13. Reliance Communications' Chief Executive Officer Vinod Sawhny has stepped down from the post.
14. Rajeev Sharma has taken over as the Chairman and Managing Director of state-run Power Finance Corporation (PFC).
15. Sikkim's capital Gangtok has been conferred with the title of the 'Cleanest Tourist Destination' in India by the Ministry of Tourism.
16. Chief Minister of Arunachal Pradesh Pema Khandu has flagged off a 10-member all-women Mt Gorichen Expedition led by Anshu Jamsempa.
17. M.S. Sahoo, a financial markets expert, has been appointed as Insolvency and Bankruptcy Board Chairperson for a period of five years.
18. Bengaluru's Kieren Dsouza has become the first Indian to complete the Spartathlon, widely described as the "world's toughest race".
19. Indian golfer Gaganjeet Bhullar won his 6th Asian Tour title, winning the Korea Open 2016 in Incheon, South Korea.
20. Arundhati Bhattacharya will remain the chairperson of the State Bank of India (SBI) for another year.
21. The Government has decided to raise the Employees Provident Fund (EPF) investment in Exchange Traded Funds (ETF) from the present 5 % to 10%.
22. Airport Authority of India's Tirupati Airport has been awarded as "Best Tourist Friendly Airport" under the category for "State Annual Excellence Awards (2015-16)" by Andhra Pradesh Tourism.
23. World Space Week is an annual event that is observed from 4 October to 10 October every year in various parts of the world including Europe and Asia. The theme was Remote Sensing: Enabling our Future.
24. Australian racing driver, Daniel Ricciardo has won the 2016 Malaysian Grand Prix held at the Sepang International Circuit in Selangor, Malaysia.
25. Young filmmaker Katyayan Shivpuri, from Maharashtra, has won the first prize at the Swachh Bharat Short Film Festival (SBSFF) for his work "Murga".
26. Japan's Yoshinori Ohsumi, a cell biologist specializing in autophagy, has received the 2016 Noble Prize for Medicine. He has received the award "for his discoveries of mechanisms for autophagy".
27. Shri R Ravindra, presently Ambassador of India to the Republic of Cote d'Ivoire, has been concurrently accredited as the Ambassador of India to the Republic of Guinea.
28. The Delhi Police has launched a mobile application 'Delhi Police Senior Citizen' for senior citizens to enable them to reach out to the police quickly in emergency situations.
29. A 16-year-old Indian-origin South African teen has won a \$50,000 scholarship, the grand prize at the annual Google Science Fair for her work using orange peel to develop a cheaper "super-absorbent material" that helps soil retain water.
30. Playback singer K J Yesudas has been roped in by the

- CPI(M)-led LDF government as the brand ambassador of its ambitious project. 'Haritha Keralam'.
31. Jharkhand has become the first state in the country to implement Direct Benefit Transfer in Kerosene.
 32. Kersti Kaljulaid was elected as the first female President of Estonia by the parliament.
 33. The RBI has reduced the policy Repo Rate under the liquidity adjustment facility (LAF) by 25 basis points from 6.5% to 6.25%. Consequently, the reverse repo rate under the LAF stands adjusted to 5.75%, and the marginal standing facility (MSF) rate and the Bank Rate to 6.75%.
 34. Playback singer K J Yesudas has been roped in by the Kerala government as the brand ambassador of its ambitious 'Haritha Keralam' project.
 35. The State Bank of India has become the first domestic bank of India to open 54th foreign branch, in Yangon, Myanmar.
 36. The Nobel Prize in Physics for 2016 has been awarded to scientists - David J Thouless, who receives half the prize, Duncan M. Haldane and J. Michael Kosterlitz, who share the other half.
 37. Film-maker and elephant researcher Prajna Chowta has been appointed Chevalier de l'Ordre National du Mérite (Knight in the National Order of Merit), one of the highest civilian recognitions of the French government.
 38. Malayali Sculptor artist Yusuf Arakkal passed away in Bengaluru, Karnataka. Arakkal had recently released a book called Faces of Creativity.
 39. Nayanjot Lahiri, Professor of History at the Ashoka University, has been awarded the 2016 John F. Richards Prize for her book Ashoka in Ancient India.
 40. Venkaiah Naidu releases book titled "Modi's Midas Touch in Foreign Policy". The book has been authored by Surendra Kumar.
 41. NMDC's Bailadila Iron ore mine-Bacheli Complex has bagged FIMI Golden Jubilee Award for Excellence 2016.
 42. So let's discuss some questions related to this post:
 43. The World Bank has announced that India's GDP growth will remain strong at 7.6 percent in 2016 and 7.7 percent in 2017.
 44. Cabinet approves India-EU MoU on water cooperation
 45. Cabinet approves rural development MoU with African-Asian Rural Development Organisation
 46. CCEA gives a nod to the acquisition of 11% stake in Russian oil company.
 47. The Nobel Prize in Chemistry for 2016 has been awarded to Jean-Pierre Sauvage, Sir J. Fraser Stoddart and Bernard L. Feringa for developing the molecular machine.
 48. The International Monetary Fund has raised projections for India's economic growth by 0.2 percentage points to 7.6% for 2016-17 and 2017-18.
 49. The Government has appointed Indian Revenue Service officer Sushil Chandra as the next chairman of the Central Board of Direct Taxes.
 50. Powerful typhoon Chaba barrelled toward Japan after it hit a South Korean resort island causing flight cancellations and flooding streets.
 51. Germany has appointed former Nasscom Chairman B V R Mohan Reddy as an Honourary Consul of that country in Hyderabad.
 52. India's latest communication satellite GSAT-18 has been launched successfully by a heavy duty rocket of Arianespace from the spaceport of Kourou in French Guiana.
 53. India's Aakanksha Hagawane has won the girls' U-16 title at the World Youth Chess Championship in Russia.
 54. Former Prime Minister of Portugal, Antonio Guterres is poised to become the next Secretary-General of the United Nations.
 55. The International Astronautical Federation's renowned space scientist U.R. Rao has been inducted into its Hall of Fame for his contribution to development of India's space technology.
 56. Social networking site Facebook is collaborating with the Election Commission of India in five states ,which are going to polls next year, to run a voter registration drive aimed at encouraging youth to participate in the democratic exercise.
 57. With 12 nations and as many teams participating for one global title, the International Kabaddi Federation, kicked off the Kabaddi World Cup 2016.
 58. ICICI Bank has introduced digital banking on its mobile app 'Pockets'. Claiming to be the first to introduce contact-less mobile payment solution in the country
 59. President Pranab Mukherjee has inaugurated the first edition of the World Sustainable Development Summit (WSDS) organized by The Energy and Resources Institute (TERI) with emphasis on the need to limit the rise of climate change.
 60. Indian shooter Jitu Rai on 6 October 2016 clinched a silver medal in the 50 meter pistol event of the ISSF World Cup Final at Bologna, Italy.
 61. Arjun Vajpai, a 23-year-old professional mountaineer from Noida, became the youngest in the world to scale the Mount Cho Oyu, the sixth highest mountain peak in the world at 8,188 metres (26,864 ft) above sea level.
 62. Railways Minister Suresh Prabhakar Prabhhu flagged off the newly manufactured 'Guard Van of Goods (Freight) Train', in

New Delhi. The newly manufactured 'Guard Van of Goods Train' is equipped with the Solar powered Light for the first time.

63. The first BRICS Under-17 football tournament has kicked off in Goa. This initiative of Government of India aims at taking the ongoing interaction and cohesion amongst the BRICS nations.
64. Freedom fighter and veteran congress leader Ramesh Kulkarni passed away after a brief illness in Thane.
65. The government has integrated 250 mandis in 10 states with the electronic national agriculture market (e-NAM) in the first phase.
66. Colombian President Juan Manuel Santos has been awarded the Nobel Peace Prize for his efforts to end the 52-year conflict with left-wing rebels.
67. Freedom fighter and Congress leader Ramesh Kulkarni has passed away in Thane following a brief illness.
68. India will host the Asian Ministerial Conference for Disaster Risk Reduction (AMCDRR) from 3 November to 5 November 2016.
69. The Air Force Day 2016 is observed annually on 8 October across India.
70. The Union Ministry of Urban Development has approved projects worth Rs.114 crore under HRIDAY scheme for improving infrastructure facilities around core heritage sites in five cities.
71. Maharashtra Government has allocated 40.68 hectare land to Department of Atomic Energy (DAE) to build LIGO (Laser Interferometer Gravitational Wave Observatory) India Project at Dudhala village in Hingoli district.
72. Union Petroleum Minister Dharmendra Pradhan launched the Pradhan Mantri Ujjwala Yojana (PMUY) in Maharashtra on 7 October to provide free LPG connections to BPL households.
73. India's foreign exchange reserves scaled a new high of USD 371.99 billion.
74. Rashtriya Ispat Nigam Ltd (RINL), the corporate entity of Vizag Steel, has roped in top ranked Indian Badminton Player PV Sindhu as its brand ambassador
75. Sprinter Srabani Nanda has bagged the 24th Ekalabya Award for the year 2016 in recognition of her sporting excellence.
76. World Post Day is celebrated each year on 9 October, the anniversary of the establishment of the Universal Postal Union in 1874 in the Swiss Capital, Bern. The theme for this year 2016 is Innovation, Integration and Inclusion.
77. Union Power Minister Piyush Goyal has launched the Urban Jyoti Abhiyaan Mobile (Urja) app, developed by the state-run Power Finance Corporation, to enhance consumer connect with the urban power distribution sector.
78. China's President Xi Jinping appointed Luo Zhaohui, a senior diplomat with previous assignments in Pakistan and Canada, as China's new ambassador to India.
79. The Telangana government on 8 October organized the traditional state festival of 'Bathukamma' on at the Lal Bahadur stadium in Hyderabad. The Telangana government has declared 'Bathukamma' as a state festival.
80. India's Harika Dronavalli defeated World No. 1 Hou Yifan of China to be at a joint fourth position on the Isle of Man International Chess tournament.
81. Maharashtra CM Devendra Fadnavis inaugurated India's first centre for international arbitration in Mumbai. The Mumbai Centre for International Arbitration (MCIA) will initially be located at Express Towers.
82. Doordarshan, public service broadcaster and Indira Gandhi National Open University (IGNOU) have entered into an agreement for transmission of four Gyan Darshan educational channels.
83. British tennis player Andy Murray beat Bulgaria's Grigor Dimitrov in straight sets to win the China Open. This is Murray's 5th singles title of 2016 and 40th of his career.
84. India's 19-year-old shuttler Ruthvika Shivani Gadde won the women's singles title at the Russian Open in Vladivostok. Pranaav Jerry Chopra and N Sikki Reddy added to India's tally by winning the mixed doubles title.
85. The Oxford English Dictionary has included "Aiyoh" and "Aiyah" in its latest edition. The word has defined as, "In southern India and Sri Lanka, expressing distress, regret, or grief; 'Oh no!', 'Oh dear!'".
86. Five Indian-Americans figure among America's 400 richest people, in a list again headed by Microsoft co-founder Bill Gates, according to the survey by Forbes magazine.
87. International Day of the Girl Child is observed annually on 11 October. The theme for this year International Day of the Girl is "Girls' Progress = Goals' Progress: What Counts for Girls".
88. With an aim to make Madhya Pradesh anaemia-free, the state government has decided to launch a scheme-'Lalima Abhiyan'- that will be effective from November 1.
89. The International Shooting Sports Federation has awarded ace shooter, Jitu Rai, the 'Champion of Champions' title for pistol shooting in 2016.
90. Nico Rosberg of Germany and Mercedes GP won the Japan Grand Prix at Suzuka Circuit.
91. Oscar-winning Film director Andrzej Wajda, best known for

- chronicling Poland's struggle for democracy during half a century of communist rule, has died at the age of 90.
92. India ranked 97th out of 118 countries on the International Food Policy Research Institute's (IFPRI) Global Hunger Index (GHI) in 2016.
 93. Nearly two-and-half years after it came into existence as India's 29th state, Telangana's map was redrawn on 11 October 2016 with the creation of 21 new districts, With these, the total number of districts of the youngest state of India went up to 31.
 94. Abdelilah Benkirane, leader of Morocco's Islamic Justice and Development Party, has been appointed for another term as the country's prime minister.
 95. Ashok Leyland Limited has entered into an agreement with Telangana Government outlining plans for setting up a body building unit which will entail an outlay of Rs. 500 crore.
 96. India's holdings of the US government bonds touched a high of \$123.7 billion in July, making it the 12th largest holder, US Treasury Department's latest data showed.
 97. The Russian and Turkish leaders have agreed to intensify military and intelligence contacts after a meeting in Istanbul, Turkey.
 98. The world's first Cybathlon Championship for Athletes with Disabilities organised by the Swiss Federal Institute of Technology ETH Zurich at the SWISS Arena in Kloten, canton Zurich.
 99. Sir Ian McKellen has been given the outstanding contribution to British theatre prize at the UK Theatre Awards.
 100. Sir Ian McKellen has been given the outstanding contribution to the British theatre prize at the UK Theatre Awards.
 101. Parmeshwar Godrej, philanthropist and wife of Godrej group chairman Adi Godrej passed away in Mumbai on October 11 2016. He was 72.
 102. International Day for Disaster Reduction is observed annually on 13 October with the theme Live to Tell: Raising Awareness, Reducing Mortality.
 103. The government of India will be observing the First World Tsunami Awareness Day on November 5.
 104. The 28th India and Indonesia Coordinated Patrol (CORPAT) has commenced at Belawan, Indonesia in the Andaman Sea.
 105. Satish Pathak, a Pune-based innovator, has been awarded for 'Excellence in Technical Innovation' by the International Society of Automation.
 106. ICICI Bank has become the first Indian lender to complete a banking transaction using Blockchain technology.
 107. India donated Rs. 9.3 million to the Nelson Mandela Foundation to help it in its welfare work for the people of South Africa.
 108. State-run Bank of Maharashtra has renewed its corporate agency tie-up with United India Insurance Company (UIIC).
 109. Former Uttarakhand chief minister Ramesh Pokhriyal Nishank has been conferred with a prestigious award by the Ugandan government for promoting human values through his literature.
 110. The government has appointed Reserve Bank's Executive Director G Mahalingam as a Whole-Time Member of markets regulator Sebi.
 111. World Standards Day is observed annually on 14 October. This year's theme is "Standards Build Trust".
 112. American singer-songwriter Bob Dylan has been awarded the Nobel Prize in Literature 2016 "for having created new poetic expressions within the great American song tradition".
 113. India's largest Public lender, Bank of Baroda has sealed a principal sponsorship contract with badminton Olympians P V Sindhu and K Srikanth.
 114. The Cabinet has approved the setting up of an Indian Institute of Management (IIM) in Jammu as part of PM Narendra Modi's development package for Jammu and Kashmir.
 115. Union Cabinet has approved a pact between Export-Import Bank of India and BRICS-promoted New Development Bank, along with other development financial institutions of member nations, with an aim to strengthen trade and economic ties.
 116. Thailand's King Bhumibol Adulyadej - the world's longest-serving monarch - has died aged 88. King Bhumibol, the ninth king of the 234-year-old Chakri dynasty.
 117. Australian Former Formula One driver Mark Webber will retire from professional racing at the end of the world endurance season in Bahrain in November.
 118. Actress Priyanka Chopra adds another feature to her cap, The Quantico star has joined media mogul Oprah Winfrey and pop star Jennifer Lopez in Variety magazine's 'Power of Women Impact' List.
 119. The 193 member states of the U.N. General Assembly adopted a resolution by acclamation, appointing the former Portuguese Prime Minister as the 9th U.N. Secretary-General.
 120. October 15th, Dr. Abdul Kalam's birthday is observed as World Student Day by United Nations Organization annually.
 121. The International Day of Rural Women is observed across the world on 15 October. The theme for the day for the year

2016 is Climate is changing. Food and agriculture must too.

122.Kirtiraj Kundlik Gaikwad, an Indian scientist with the Department of Packaging, has been awarded the prestigious IAFP Young scientist scholarship award.

123.Senior IAS officer Ajay Kumar Bhalla was on 14 October 2016 appointed as the Director General of Foreign Trade (DGFT).

124.Bangladesh and China signed 26 agreements in the key areas of power, road and railway connectivity.

125.In Uttar Pradesh, the Safe Motherhood Week is being observed from 14 October to 21 October 2016.

126.Valvoline Cummins India has signed up India Test captain Virat Kohli as its ambassador.

127.India has received the first parcel of Iranian oil to partly fill its strategic storage in southern India, Mangalore Refinery and Petrochemicals Ltd.

128.The Minister of Women & Child Development, Smt Maneka Sanjay Gandhi inaugurated 'Women of India Festival 2016' of organic products by women at Dilli Haat at INA, New Delhi.

129.The Mizoram government and the Mizoram Journalists' Association declared Lalbiakthanga Pachuau as the "oldest working journalist in the country".

130.Prime Minister Narendra Modi on 14 October 2016 inaugurated 'Shaurya Smarak', the war memorial in Bhopal, Madhya Pradesh.

131.The United Nations' (UN) International Day for the Eradication of Poverty is observed on October 17 each year since 1993. This year's theme is moving from humiliation and exclusion to participation: Ending poverty in all its forms.

132.World Food Day 2016 is observed across the world on 16 October annually. This year's theme is Climate is changing. Food and agriculture must too.

133.Indian shuttler Sourabh Verma on 16 October 2016 clinched the men's singles title at the Chinese Taipei Open badminton.

134.Eminent writer C Radhakrishnan has been selected for the Mathrubhumi Literary Award in recognition of his contribution to the field of literature.

135.Mangaluru International Airport has been rated the best in the Southern region and third among all the 52 airports in the country.

136.Amandeep Singh appointed as the next Ambassador/PR of India to the UN Conference on Disarmament, Geneva

137.Tata Communications has appointed James Parker as president of global sales.

138.US Navy has commissioned its largest, most expensive and technologically advanced destroyer, Zumwalt.

139.The International Cricket Council (ICC) has decided to organise the first ever ICC Women's World T20 event in 2020. Cricket Australia, hosts for the men's and women's ICC World Twenty20 in 2020.

140.Indian boxer Neeraj Goyat outpunched Australia's Ben Kite to retain the WBC welterweight Asia title.

141.'Rashtriya Sanskriti Mahotsav, 2016' is being organized by M/o Culture in IGNC premises, Janpath, New Delhi from 15th to 24th October, 2016.

142.Jamaican athlete Usain Bolt has confirmed that he is going to retire after the 2017 World Championships in London.

143.The mines ministry came out with a mining surveillance system, a pan-India surveillance network using latest satellite technology, to check illegal mining.

144.According to the data released by the RBI, India' banking system reported total deposits of Rs 100 lakh crore for the first time ever in September month of this year.

145.India's ODI against New Zealand at Dharamshala on 16th Oct 2016 is the team's 900th making it the world first side to achieve a milestone.

146.On the birthday of India's Missile man A. P. J. Abdul Kalam, India and Russia formally inked the agreement for five S-400 Triumf air defense systems and four stealth frigates and a joint venture to manufacture Kamov-226T helicopters in India.

147.A recent report carried out by the World Economic Forum (WEF) on 'Safety and Security,' has revealed that the Finland is the safest place in the world with Qatar and UAE ranked second and third respectively.

CAREER POWER
AN IIT/IIM ALUMNI COMPANY

IBPS CLERK COMBO

25 Pre+25 Mains Mock
with
15+15 Practice Sets

Price: Rs. 750/-

Visit: onlinestore.careerpower.in

CURRENT AFFAIRS ZINGER : SEPTEMBER 2016

1ST SEPTEMBER TO 9TH SEPTEMBER

1. Union Minister of Health & Family Welfare launched the "Mera Aspaatal / My Hospital" initiative at the third National Summit on Good & Replicable Practices & Innovations in Public Health Facilities in?
2. The two day "BRICS Convention on Tourism" to begin at?
3. Which country's Senate has removed President, Dilma Rousseff, from the office for breaking budgetary laws recently?
4. State-owned petroleum companies hold the nation's first international conference on cooking gas in?
5. Who has re-elected as President of Gabon recently?
6. India jumped 19 places in the Logistics Performance Index to rank 35th in this year's list. The list was topped by?
7. President Pranab Mukherjee has given Maharashtra Governor C. Vidyasagar Rao additional charge of which state?
8. CARE Ratings signed a MoU with Vishal Group Ltd & Emerging Ltd to start a credit rating agency in
9. Name the Insurance company, which has launched of BSLI Cancer Shield Plan.
10. Who was appointed United Nations Women's Advocate for Gender Equality & Women's Empowerment in India recently?
11. The Energy & Resources Institute (Teri) has officially appointed whom as the new Chancellor of Teri university.
12. Name the India's Sand artist who won the people's choice prize for his sand sculpture titled "Mahatma Gandhi - World Peace" at 9th Moscow Sand Sculpture Championship 2016.
13. Who has been sworn in as the Brazil's new president after the country's Senate voted to remove Dilma Rousseff?
14. The Union Cabinet given its ex-post-facto approval for the FDI policy amendments announced by the Government recently. How much percent of FDI in Defence sector?
15. Name the President of Egypt, who hold bilateral discussions with PM Narendra Modi in New Delhi?
16. India & _____ have signed an agreement in the area of Maritime Transport to step up co-operation on the seas recently?
17. The first BRICS film festival has begun in which city in India?
18. Which country has celebrated its National Day on 02nd September, 2016?
19. Name the Martial arts expert & actor, who will receive a lifetime achievement Oscar?
20. Which state governments has signed a MoU with the ministry of civil aviation to develop 11 airports & airstrips to boost regional connectivity recently?
21. Name the veteran trade union leader, who has passed away recently in Mumbai.
22. The Government has constituted an expert committee of 4 members to study the silt in the river. Who has been made Chairman of the committee?
23. The country's economy grew at _____ in the April to June quarter of the current fiscal.
24. Who has been awarded 'Chevalier de l'Ordre National de la Legion d'Honneur' (Knight of the National Order of the French Legion of Honour) for her outstanding contribution & dedication to Biosciences & Research field globally.
25. Who has been re-appointed as Nepal's ambassador to India.
26. Which private sector bank has launched 'mVisa', a mobile-based payment solution that will make payments at retail outlets much easier recently?
27. Which public sector banks has launched USSD (unstructured supplementary service data) based '*99#' mobile application on Play Store on Android platform?
28. Name the noted Assamese poet, literary critic & author & winner of the Sahitya Akademi award who passed away.
29. Which Electronics Inc has tied-up with Amazon.com Inc on smart-home services?
30. Name the former Indian pacer, who has been made an honorary life member of the Marylebone Cricket Club (MCC), becoming the 24th Indian cricketer to be bestowed the honour.
31. Over _____ LED bulbs have been distributed under Unnat Jyoti by Affordable LEDs (UJALA) programme.
32. World's largest river island, _____ in Assam has been made a district recently?
33. The Centre has announced a financial package for which of the following states recently?
34. Gujarat Governor OP Kohli took additional charge of the Governor of
35. The _____ Summer Paralympic Games began on 07th September 2016 at Maracana Stadium in Rio de Janeiro, Brazil.
36. India has signed a preliminary pact with which country for bilateral Air Services Agreement that proposes to allow unlimited points of call for domestic airlines in the European nation?
37. Who has been appointed as the next Ambassador of India to the People's Democratic Republic of Algeria.
38. Q38. Name the exercise, which has started between India-Kazakhstan recently.
39. Who has been appointed director of Syndicate Bank recently?

40. Which Public sector Bank has been conferred with the 'Dun & Bradstreet Banking Awards 2016' for being the Best Bank under priority sector lending & Best Retail Growth performer amongst public sector banks?
41. Who is the present Managing Director & Chief Executive Officer of Canara Bank?
42. Greece is a country in southeastern Europe with thousands of islands throughout the Aegean & Ionian seas. Who is the present Prime Minister of Greece?
43. Name the PepsiCo CEO & Chairman, who is the only Indian origin woman in Fortune's 51 Most Powerful Women list that is topped by Mary Barra, CEO & Chairman of General Motors?
44. Which private sector Bank has announced the deployment of Software Robotics for business processes across various functions of the bank?
45. Which country has received certificates from World Health Organisation, recognizing the elimination of Yaws & Maternal & Neonatal Tetanus (MNT) from the country recently?
46. Which state started releasing Cauvery water to Tamil Nadu complying with the Supreme Court directive?
47. Indian film _____ won the best film award at the BRICS Film Festival concluded in New Delhi.
48. Which company has acquired computer vision firm Movidius, which partnered with Google to develop 3D space mapping technology for Project Tango devices?
49. Name the veteran director, who has been selected for the JC Daniel award 2015.
50. Which Indian language has included into it the most ancient & traditional language by United Nations?
51. Petroleum Minister Dharmendra Pradhan has launched the _____ campaign that is aimed at promoting the use of natural gas in the country.
52. Centre has approved how much rupees for Madhya Pradesh, Uttarakhand, Tamil Nadu, Uttar Pradesh & Sikkim under the Swadesh Darshan scheme?
53. With which Bank, Tata Housing have entered into a partnership that would enable easier financing & purchase of homes?
54. Honda Motorcycle & Scooter India Pvt Ltd signed a MoU with _____ as a preferred insurance partner for Honda two-wheelers in India.
55. Scientists have discovered a new Ghost Snake Species of elusive, pale grey reptiles dwelling at the Ankarana National Park in.....?
56. Who has appointed as CEO of Religare Enterprises recently?
57. Q57. Which departments/Ministries has introduced a new helpline called 'Urja Mitra' for updates about electricity supply?
58. The United Nations Educational, Scientific & Cultural Organization (UNESCO) had proclaimed September 8 as International Literacy Day. What is the theme for this year (2016) of International Literacy Day?
59. Name the Sri Lankan cricketer, who has been named as batting consultant of Bangladesh for next month's home series against England.
60. Dr. Ujit Patel has assumed charge as the _____ Governor of Reserve Bank, succeeded Raghuram Rajan whose three-year tenure ended.
61. Which state Government has decided to develop 340 villages as Horticulture Villages at a cost of 93 crore rupees during the Golden Jubilee year of the State.
62. Name the India's mixed doubles pair, who clinched their maiden Grand Prix title in the Brazil Open Grand Prix recently?
63. Which company has entered into a joint venture (JV) with the Saudi Prerogative Company to offer IT services in the middle eastern country?
64. Name the India's lone individual Olympic gold medallist, who has officially announced his retirement from shooting.
65. Lt Governor of Puducherry _____ has launched 'Shramdaan movement' as part of Swachh Bharat & Swachh Puducherry initiative at a remote village.
66. Which organisation has won the UNESCO Confucius Prize for Literacy recently?
67. Which state has launched the 'Biju Kanya Ratna Yojana' (BKRY) & inaugurated 1,000 anganwadi buildings as part of the celebration marking birth centenary of legendary Biju Patnaik.
68. The Rajasthan High Court launched the e-stamp facility in its Jodhpur & Jaipur benches simultaneously recently. Who is present Chief Justice of Rajasthan High court?
69. Who has been appointed as brand ambassador for anti-liquor & drug campaign by the Kerala government?
70. Name the American tech giants, who have officially adopted the EU-US Privacy Shield framework.
71. The 28th ASEAN Summit has begin in.....?
72. Name the Noted Odia poet, who will be honoured with the 37th edition of prestigious Sarala Award for his outstanding poetry.
73. In a remarkable public health achievement, which country was certified by WHO on having eliminated malaria, a life-threatening disease which long affected the island country.
74. Which online payment system has launched a one-step offline payments mode, called Bubble Pin?
75. With a view to engage youth of Jammu & Kashmir (J&K) in constructive sporting activities, a special package of _____

has been announced by Prime Minister Narendra Modi recently.

76. State-run BHEL has commissioned the fourth & last unit of the 4x40 MW Teesta Low Dam Hydro Electric Project (HEP) Stage-IV in

77. Name the President of Uzbekistan, who has died after suffering a stroke at the age of 78 recently.

78. Who has been unanimously elected as the National President of the Indian Medical Association for the year 2016-17?

79. India & ___ have signed 12 agreements for cooperation in areas, including defence & IT, to boost bilateral ties.

80. Which organization has imposed penalty of over Rs 6,700 crore on 10 cement companies including ACC, Lafarge, Ultratech, Jayprakash Associates, Binani & their trade association the Cement Manufacturers Association (CMA) on charges of cartelisation in the sector?

81. Who is now Saint Teresa of Calcutta following canonization by Pope Francis in Vatican City?

Answer:

1. Tirupati, Andhra Pradesh

2. Khajuraho, Madhya Pradesh

3. Brazil

4. Bhubaneswar, Odisha

5. Ali Bongo Ondimba

6. Germany

7. Tamil Nadu

8. Nepal

9. Birla Sun Life Insurance

10. Aishwaryaa Dhanush

11. Ashok Chawla

12. Sudarsan Pattnaik

13. Michel Temer

14. 100%

15. Abdel Fattah el-Sisi

16. Egypt

17. New Delhi

18. Vietnam

19. Jackie Chan

20. Gujarat

21. Sharad Rao

22. AK Sinha

23. 7.1%

24. Kiran Mazumdar Shaw

25. Deep Kumar Upadhyay

26. DCB Bank

27. Union Bank of India

28. Nalinidhar Bhattacharyya

29. LG

30. Zaheer Khan

31. 15 crore

32. Majuli

33. Andhra Pradesh

34. Madhya Pradesh

35. 15th

36. Greece

37. Satbir Singh

38. Prabal Dostyk -16

39. Jayant Purushottam

40. Canara Bank

41. Rakesh Sharma

42. Alexis Tsipras

43. Indra Nooyi

44. ICICI Bank

45. India

46. Karnataka

47. Thithi

48. Intel

49. K G George

50. Sanskrit

51. Gas4India

52. Rs.450 crore

53. State Bank of India

54. HDFC ERGO General Insurance

55. Madagascar

56. Sunil Godhwani

57. Department of Telecom

58. Reading the Past, Writing the Future

59. Thilan Samaraweera

82. In Bangladesh, Jamaat-e-Islami leader & media tycoon _____ was executed last night for war crimes committed during the country's 1971 Liberation War.

83. Who has created history by setting a record of most number of Grand Slam matches wins by a woman in the Open era?

84. Q84. Which of the following countries has host the G-20 Summit recently?

85. Gumthala Garhu near Pehowa became the first Wifi hotspot village in _____ circle under the bulk plan of BSNL for the state.

86. The Indian Embassy in _____ has set up a grid connected solar energy generation plant in its office building recently.

87. Who has been appointed as Wrestling Director at Maharshi Dayanand University in Rohtak, Haryana.

88. India Post has released a commemorative postage stamp on _____ to celebrate the canonisation of her as saint recently.

60. 24th

61. Haryana

62. Sikki Reddy and Pranaav Jerry

63. Infosys

64. Abhinav Bindra

65. Kiran Bedi

66. Jan Shikshan Sansthan (JSS), Malappuram

67. Odisha

68. Navin Sinha

69. Sachin Tendulkar

70. Microsoft, Google & Salesforce

71. Vientiane, Laos

72. Dr Hrushikesh Mallick

73. Sri Lanka

74. MobiKwik

75. Rs. 200 crore

76. West Bengal

77. Islam Karimov

78. K K Aggarwal

79. Vietnam

80. Competition Commission of India (CCI)

81. Mother Teresa

82. Mir Quasem Ali

83. Serena Williams

84. China

85. Haryana

86. Hanoi

87. Sakshi Malik

88. Mother Teresa

10TH SEPTEMBER- 17TH SEPTEMBER

1. Which states government will release a White Paper on malnutrition & maternal-infant mortality rate?
2. Vice-President Hamid Ansari will be representing India at the upcoming 17th Summit of the Non-Aligned Movement (NAM) to be held in?
3. Name the Indian actress, who has become the first Indian star to enter the Forbes list of highest paid television actresses in the world?
4. Who is elected as Union of European Football Associations (UEFA) president to succeed Michel Platini?
5. Name the person, who was felicitated by Prime Minister Narendra Modi for building toilet by selling off her goats, has been chosen as the 'Swachh Bharat Abhiyan' mascot?
6. Name the World Bank President, who won a second five year term after nominations to lead the global development
7. Which public sector bank has bagged the second prize under Rajbhasha Kirti Puraskar for the year 2015-16?
8. Which Grameen Bank has bagged four awards for inclusive insurance for 2016 from Skoch
9. For the first time, _____ will organise an all-India mega loan mela on September 17 & 18 for home, plot, vehicle, mortgage, MSME & Mudra financing.
10. Name the Indian-American physician-author, whose work has emphasised empathy in medicine, has been selected for the prestigious 2015 National Humanities Medal recently.
11. Typhoon _____ stated to be the world's strongest typhoon so far this year, made landfall in east China's Fujian Province, causing widespread destruction.
12. Which country will host the Annual Meetings of the African Development Bank (AfDB) Group in May next year?
13. Who has emerged as the world's third richest man recently?
14. Name the Digital Wallet service company, which offers money transfer, bill payment services, has partnered with Andhra Pradesh & Telangana electricity distribution companies.
15. United States has agreed to supply _____ with military aid for the next 10 years in a record 38 billion dollars deal - the largest in US history.
16. Name the founder of the Camera Culture research group at the MIT Media Lab & an Associate Professor of Media Arts & Sciences, who has bagged the prestigious Lemelson-MIT Prize recently?
17. Which state government has asked all district collectors to organize special camps in Panchayats & urban local bodies to ensure 100% Aadhaar enrolment?
18. Realty player Wadhwa Group has tied up with e-commerce platform _____ to make its properties accessible to customers online.
19. Who has taken charge of the post of CMD, Shipping Corporation of India (SCI).
20. Which company agreed to buy Samsung Electronics Co.'s printer business for \$1.05 billion?
21. Digital payment platform FreeCharge in partnership with which bank has launched Unified Payments Interface (UPI) that allows instant transactions from a smartphone using a virtual payment address (VPA).
22. Who has been appointed as Director, Research Centre Imarat (RCI), Defence Research Development Organisation (DRDO), Hyderabad recently?
23. Who has appointed as the brand ambassador of the Samajwadi Kisan Beema Yojna by Uttar Pradesh government recently?
24. Which mobile phones company would now be manufactured in Haryana as the company signed an MoU with the state government to set up its phone manufacturing hub with an initial investment of Rs 500 crore which, later on, would be increased to Rs 1,500 crore?
25. Which team has clinched the inaugural day/night Duleep Trophy Cricket tournament played with a pink ball?
26. Name the former England batsman, who has signed a deal to become Australia's batting coach until March 2020.
27. Uttarakhand Governor K K Paul released a book titled 'Shanti ki Talaash mein Zindagi' written in Hindi by Haridwar-based author & journalist.....?
28. The Department of Animal Husbandry, Dairying & Fisheries in the Ministry of Agriculture & Farmers welfare has declared _____ free from Avian Influenza (H5N1) from 5th September, 2016.
29. Which Private sector Bank has tied up with Banaras Hindu University (BHU) to offer specialised banking courses?
30. Which state government will abolish the stamp duty of two per cent levied on immovable property while awarding the power of attorney?
31. The Cabinet has approved the creation of the HEFA, taking a step closer to developing high-quality infrastructure in premier educational institutions recently. HEFA stands for?
32. India & which country have signed a MoU for promoting bilateral cooperation in the field of Information & Communication Technologies recently?
33. The Cabinet Committee on Economic Affairs (CCEA) & approved the proposal for initiation of the _____ of Technical Education Quality Improvement Programme.
34. Who has been appointed as brand ambassador of the ambitious Samajwadi Pension Yojana by Uttar Pradesh govt?
35. The govt has launched a toll-free number to register postal complaints which will initially be operational for 12 hours on

working days. The toll-free number is.....?

36. The Goods & Services Tax (GST) Council has come into existence. The Council will be headed by.....?
37. Onam festival, the celebration of the 10-day festival begins in which among the following states recently?
38. India's top women bankers, SBI chief Arundhati Bhattacharya, ICICI head Chanda Kochhar & Axis Bank CEO Shikha Sharma, are among the 50 most powerful women based outside the US, according to a list by Fortune. The list is topped by.....?
39. 3rd BRICS Urbanisation Forum meet has begun in which city in India?
40. Name the Javelin thrower, who became the first Indian to clinch two gold medals at the Paralympics after he broke his own world record to clinch the top honours at the Rio Games.
41. Which state has become the second state in the country after Gujarat to achieve 100 per cent electrification of households?
42. Who will be honoured with a humanitarian award by a prominent Jewish human rights organisation for promoting human dignity, interfaith relations & tolerance among people.
43. Name the Meghalaya Governor, who has been given the additional charge of Arunachal Pradesh.
44. The Cabinet Committee on Economic Affairs (CCEA) gave its nod to raise buffer stock of pulses to ____ lakh tonnes from eight lakh tonnes.
45. Union Minister of State for Ayush (Independent Charge) Shri Shripad Yesso Naik & Union minister for Fertilisers & Chemicals & Parliamentary Affairs Shri Ananth Kumar inaugurated the National Fair on comprehensive Indian Medicine system (AROGYA) in.....?
46. Which organisation has launched the ambitious 'e-nivaran' facility for online redressal of taxpayers' grievances related to refunds, ITRs & PAN?
47. As part of the ongoing Indo-US defence cooperation, a joint military training exercise, _____ is set to be conducted in Uttarakhand from September 14 to 27.
48. Who has been appointed as the new manager of the national team of Pakistan for the coming 'home' series against the West Indies in the UAE?
49. Solung festival is associated with which state?
50. Who has created history by winning silver medal in Women's shotput at Rio Paralympics 2016?
51. Which district have emerged the cleanest districts in India according to a report released in New Delhi by Drinking Water & Sanitation Minister Narendra Singh Tomar?
52. Union Cabinet gave approval for the MoU between India & _____ on cooperation in the field of National Housing Policy Development & Management (NHPDM).
53. Name the organisation which is the umbrella organisation for all retail payments systems in the country, has broad-based its shareholding base to 56 banks.
54. Name the insurance portal, which has launched its 'Express Doorstep Claims Service' in Delhi & NCR recently?
55. Who has been honoured with 'Tamil Ratna' award by a body of Tamil diaspora in New York for fighting corruption & working for more transparency in the functioning of the government?
56. Name the former UK PM David, who has stood down as an MP, triggering a by-election in his Oxfordshire seat of Witney.
57. Arunachal Pradesh Governor _____ was dismissed from his post recently?
58. Union Ministry of Petroleum & Natural Gas supplied fuel tankers to _____ via Bangladesh.
59. Govt. has issued fresh flexi-fund guidelines that will give more freedom to states in spending money under the CSS to meet local developmental requirements. CSS stands for?
60. Which team has won the Durand Cup Football Title?
61. Which country's surgeons have successfully performed the world's first robotic operation inside the eye, potentially revolutionising the way such conditions are treated. The procedure was carried out at John Radcliffe hospital in Oxford.
62. Renowned Yog Guru & founder of Patanjali group Baba Ramdev has laid the foundation stone of his dream project Patanjali Mega Food & Herbal Park in Mihan area which is located at outskirts of.....?
63. Who won his/her first US Open title & the 2nd Grand Slam trophy of her breakthrough season?
64. Which among the following states has bagged 9th Global Agriculture Leadership Award 2016 at the National Level gathering of important stake-holders in agriculture development at the Agriculture Leadership Summit in New Delhi?
65. Swimmer _____ from USA has been banned for 10-month following his bogus gunpoint robbery story during a drunken night out at the Rio Olympics.
66. Which cricketer has launched his autobiography 'Six Machine, which contains extensive details about his life & career.
67. Which country has won its first-ever Paralympic gold medal after para weightlifter Le Van Cong lifted 183 kgs, to set a new world record at the event?
68. Who has won the US Open men's singles titles?
69. Which state government has notified the guidelines for

transparent auction & scientific mining & hiked the penalty for offences under the mining act recently?

70. Which company has launched a special edition of its flagship scooter Access 125 priced up to Rs. 58,900 (ex-showroom Delhi) recently?
71. Himachal Pradesh government signed a preliminary MoU with _____ government for developing a smart integrated township in Jathiadevi near Shimla airport.
72. Who is the present Prime Minister of Singapore?
73. Which state has officially launched AIR Regional News Unit (RNU)'s Facebook page at a function recently?
74. Government has approved subsidized helicopter services in ten sectors of _____ & _____.
75. Which state govt. has rolled out 122 Twitter handles & service would help the police to strengthen its primary relationship with the citizens?
76. Which state has been adjudged the cleanest state while Jharkhand comes last in the list of 26 states?
77. Centre has sanctioned nearly how much amount to 18 states, so far, for the welfare of dalits as part of its special assistance scheme recently?
78. Which two countries have agreed to a nationwide ceasefire in Syria?

79. Which international organisation with New Development Bank, NDB, set up by five emerging economies have agreed to strengthen cooperation, especially in infrastructure?
80. The Laser Interferometer Gravitational-wave Observatory (LIGO) project that was given the in-principle approval by the Union Cabinet may come up in Hingoli district of.....?
81. Who has been appointed managing director (MD) & chief executive officer (CEO) of IDBI Asset Management Company (AMC).
82. Which state government has launched the construction workers pension scheme recently?
83. Union Home Minister Rajnath Singh commissioned the offshore patrolling (OPV) vessel _____ at Goa Shipyard Ltd (GSL), the defence shipyard in south Goa.
84. Which state has signed MoU with educational institutes, which will adopt 50 Adarsh & Utkarsh Vidyalaya in the state for developing education sector infrastructure?
85. For maintaining the records & database of Indian students studying abroad, Government of India has launched a Student Registration module in MADAD portal. The portal address is.....?
86. Tata Power & _____ have jointly set up an investment company that will acquire power projects in India.

Answer:

- | | | |
|----------------------------------|---------------------------------------|---|
| 1. Madhya Pradesh | 24. Gionee | 48. Wasim Bari |
| 2. Venezuela | 25. India Blue | 49. Arunachal Pradesh |
| 3. Priyanka Chopra | 26. Graeme Hick | 50. Deepa Malik |
| 4. Aleksander Ceferin | 27. Radhika Nagrath | 51. Mandi, Himachal Pradesh & Sindhudurg, Maharashtra |
| 5. Kunwar Bai | 28. India | 52. Kenya |
| 6. Jim Yong Kim | 29. Axis Bank | 53. NPCI |
| 7. Vijaya Bank | 30. Punjab | 54. Coverfox |
| 8. Karnataka Vikas Grameena Bank | 31. Higher Education Financing Agency | 55. Subramanian Swamy |
| 9. Indian Bank | 32. South Africa | 56. David Cameron |
| 10. Abraham Verghese | 33. 3rd Phase | 57. Jyoti Prasad Rajkhowa |
| 11. Meranti | 34. Vidya Balan | 58. Tripura |
| 12. Ahmedabad, India | 35. 1924 | 59. Centrally Sponsored Schemes |
| 13. Jeff Bezos | 36. Union Finance Minister | 60. Army Green |
| 14. Vodafone M-Pesa | 37. Kerala | 61. UK |
| 15. Israel | 38. Ana Bot | 62. Nagpur, Maharashtra |
| 16. Ramesh Raskar | 39. Visakhapatnam, Andhra Pradesh | 63. Angelique Kerber |
| 17. Odisha | 40. Devendra Jhajharia | 64. Odisha |
| 18. Snapdeal | 41. Andhra Pradesh | 65. Ryan Lochte |
| 19. Anoop Kumar Sharma | 42. Sri Sri Ravi Shankar | 66. Chris Gayle |
| 20. HP | 43. V Shanmuganathan | 67. Vietnam |
| 21. Axis Bank | 44. 20 lakh tonnes | 68. Stanislas Wawrinka |
| 22. Narayana Murthy | 45. Bengaluru | 69. Himachal Pradesh |
| 23. Nawazuddin Siddiqui | 46. CBDT | 70. Suzuki Motorcycle India |
| | 47. Yudh Abhyas 2016 | |

- | | | |
|--|--------------------------------|-------------------|
| 71. Singapore | 76. Sikkim | 82. Odisha |
| 72. Lee Hsien Loong | 77. 360 crore rupees | 83. Sarathi |
| 73. Chhatisgarh | 78. USA & Russia | 84. Rajasthan |
| 74. Answer. Jammu & Kashmir & Himachal Pradesh | 79. World Bank | 85. madad.gov.in |
| 75. Uttar Pradesh | 80. Maharashtra | 86. ICICI Venture |
| | 81. Answer. Dilip Kumar Mandal | |

18TH SEPTEMBER TO 24TH SEPTEMBER

1. Centre has decided to open 3,000 Jan Aushadhi Kendras by?
2. Government has approved nine highway projects of 414 kilometer at an estimated cost of Rs 2600 crore. These projects are not related to which state?
3. Which country forces launched an operation to retake a northern town Sherqat from Islamic State terror group recently?
4. Which city is set to become Odisha's second smart city?
5. Which bank has provided customised loan repayment facility to farmers'?
6. Which Bank with Paytm have entered into a tie-up to make available financing on two-wheelers booked on the latter's platform?
7. The flagship rural housing scheme Indira Awaas Yojana (IAY), started by former Prime Minister Rajiv Gandhi, has been restructured and renamed as _____?
8. Who has been elected as the chief-selector by BCCI?
9. Name the person, who has appointed by Facebook for a strategic role for its Messenger app?
10. Who has appointed as new Country Director by World Bank for India recently?
11. Which country has agreed to host the ministerial session of the International Energy Forum in 2018?
12. India's Priyesh Deshmukh (23) won a historic bronze medal in the first World Deaf Championships held in Kazan, Russia. She won medal in the game of.....?
13. Anandi Ramalingam has been appointed as the first woman whole-time director at which of the following PSUs?
14. Who has appointed as the next Ambassador of India to the Kingdom of Sweden?
15. The Consul General of Malaysia in India _____ has released the translated version of 'Sai Charitra Granth', a book on the life of Sai Baba.
16. Ministry of Railways has announced the launch of which program through Indian Railway Catering and Tourism Corporation (IRCTC) to provide wheelchair-cum-porter services for the differently-abled, elderly and ailing passengers at major railway stations.
17. Which film has won best drama series at the 2016 Primetime Emmy Awards?
18. Q18. The Government planned to double the number of schemes under DBT to 147 by.....?
19. Q19. Which company has conferred the prestigious membership of the Asia-Pacific Aerospace Quality Group (APAQG) under the category 'Full Member with voting rights'?
20. Q20. India successfully test-fired the most advanced _____ 'Barak-8' off the Odisha coast?
21. Q21. Which country naval forces began joint naval exercises in the South China Sea?
22. Q22. A first-of-its-kind Indian music and dance festival aimed to showcase the country's rich and diverse culture was kicked off in.....?
23. Q23. Who has become the first person from the African continent to head a global organisation of medicine professionals working for the safety of blood transfusion worldwide?
24. Q24. Name the person, who has been honored as the 2016 humanitarian of the year?
25. Q25. Which bank has opened its national processing centre in Manipal, Karnataka recently?
26. Q26. Which among the private sector bank has partnered with fintech startup venture NiYO to help staff of both the companies claim their employee benefits through a common mobile application?
27. Q27. Who has taken charge as executive director of Syndicate Bank?
28. Q28. Standard & Poor's (S&P) Global Ratings has forecasted a "relatively high quality and steroid-free" GDP growth of _____ for India over the next few years.
29. Q29. Haryana Chief Minister, Mr Manohar Lal Khattar, has announced district status for.....?
30. Q30. Which country dominated the Rio Paralympics games with 239 medals, followed by Britain, Ukraine and the United States?
31. Q31. Who clinched the gold medal in 50-metre rifle prone event at the ISSF Junior World Cup for pistol, rifle and shotgun at Gabala in Azerbaijan?
32. Q32. Name the person, who has been appointed as chairman of Union Public Service Commission (UPSC)?
33. Q33. Eminent Malayalam critic and academician _____ has been chosen for the prestigious N Mohanan Suvarna Mudra Award 2016?

34. To honour her contributions to Bengali songs, West Bengal government will confer this year's 'Bangabibhushan' to legendary singer.....?
35. India and which country recently signed three agreements, including new dollar credit line agreement of \$750 mn for post-earthquake reconstruction?
36. Insurance behemoth Life Insurance Corporation of India (LIC) has co- out with a closed ended plan _____ on the occasion of its diamond jubilee year.
37. The three-day annual meeting of the International Monetary Fund and the World Bank will be held starting 7 October, 2016?
38. Name the city, Which has started a 'Selfie with my Shauchalya' campaign?
39. Which state has emerged on the top among all other states in attracting industrial investments in 2015-16, pushing the previous year's topper Maharashtra to the third spot?
40. Tata AIG General Insurance and mobile payments firm _____ have entered into an agreement to provide cab and auto drivers health insurance plans.
41. Which actress has become the toast of fashion critics as she made an understated yet stylish debut appearance at the Emmys wearing a Jason Wu one-shouldered all-red gown?
42. Which public sector banks has launched innovative information technology (IT) products, coinciding with Hindi Diwas celebrations?
43. Which company has entered into a pact with Energy Efficiency Services Ltd (EESL) to implement energy efficient LED lighting solutions for all its projects, stations and offices across the country?
44. Which state government announced that the state government in association with International Labour Organisation (ILO) will organize a two-day long national conference on labour in the city from September 20?
45. Which organization won the Priyadarshini Global Awards 2016?
46. Railway Minister Suresh Prabhu launched the 'Swachhta Saptah' as part of the Swachh Rail Swachh Bharat Mission from which Railway station?
47. Indian Navy's _____ Mormugao was launched in Mumbai.
48. Which country has launched its second experimental space station "Tiangong 2" recently?
49. Which films have been archived at the library of the Academy of Motion Picture Arts and Sciences?
50. Name the bollywood actor, who holds the record for 'Most Public Appearances made by a Film Star in 12 Hours'?
51. State-owned Punjab National Bank has roped _____ as brand ambassador to improve its image which has taken a hit due to rising bad loans.
52. Who has been elevated as Executive Director of Canara Bank with effect from September 15, 2016?
53. Which bank has launched its second Federal Skill Academy at Coimbatore, as part of its CSR initiatives?
54. The Centre and the States are unlikely to review the structure of the GSTN, whose ownership pattern, with a majority private stake. GSTN stands for.....?
55. Who is the present MD and CEO of Punjab National Bank?
56. Who is the present Governor of Odisha?
57. Who has been named the UN's new Goodwill Ambassador for the Dignity of Survivors of Human Trafficking?
58. The govt has appointed whom as the additional charge as Chairman of the state-owned Life Insurance Corporation of India?
59. Which International organisation will invest nearly 1,000 crore rupees in Assam for the betterment of the inland waterways?
60. Sports Minister Vijay Goel conferred Arjuna Awards on cricketers _____ and _____ at a function in New Delhi recently?
61. Name the Indian-origin British obstetrician and member of the UK Parliament has been honoured by a leading publishing group for his work in the medical profession?
62. _____ launched country's latest destroyer, the Mormugao, at Mumbai's Mazagon Docks.
63. Which microfinance institution, has won the Platinum Award for Inclusive Insurance at the SKOCH Insurance Awards 2016 recently?
64. Name the Legendary playwright, who widely considered one of the greats of his generation, has died at the age of 88?
65. Which radio channel has been launched a website and mobile app for its Balochi service to reach people who speak this language across the globe?
66. Former Italian president, prime minister and central bank governor _____ has died at the age of 95.
67. Who has taken charge as Executive Director (ED) in Union Bank of India (UBI)?
68. India has slipped by 10 positions to _____, out of 159 countries and territories, as it "fared badly" across categories including legal system and regulation, according to the Economic Freedom of the World: 2016 Annual Report.
69. Which companies has tied up with the country's largest rail ticketing platform IRCTC to enable digital payments for travellers?
70. Which bank has launched the 'KBL Loan Junction', an online retail web portal?

71. Which bank has signed a share purchase agreement with IFCI Ltd to acquire the latter's 13.67 per cent stake in Assets Care & Reconstruction Enterprise Ltd (ACRE) for a total cash consideration of Rs. 22.72 crore?
72. After the successful launch of its Skill Academy in Kochi _____ has now opened its Skill Academy in Coimbatore.
73. Who has received the prestigious ICC Test Championship mace for inspiring Pakistan to the top of the ICC Test Team Rankings?
74. Which state has won the 2015-Better Performing Project Award for development of infrastructure in the state?
75. Union Science and Technology Minister Dr. Harsh Vardhan has adopted 'Dheerpur' and 'Ghoga' villages under the 'Sansad Adarsh Gram Yojana' (SAGY). 'Dheerpur' and 'Ghoga' village are located in which state/UT?
76. Name the Oscar-winning writer and director, who passed away recently?
77. Who has been named the captain of the all-time India Test XI chosen by cricket magazine Wisden?
78. Adani Green Energy (Tamil Nadu) Ltd, part of the Adani Group has dedicated to the nation the world's largest solar power plant of 648 megawatts (MW), set up at Kamuthi in.....?
79. The Securities and Exchange Board of India (SEBI) on 21st September 2016 exempted the government from making an open offer to the shareholders of _____, following its plans to acquire an additional 5.66 per cent stake in the bank.
80. At which Venue/stadium India has played its 500th test match against New zeland recently?
81. The Union Cabinet has approved the scrapping of the 92-year old practice of presenting a separate Railway Budget and the advancing of the date of presentation of the Union Budget to?
82. India sent an 18-member squad for the Under-18 Asia Cup hockey tournament held in.....?
83. Who will be honoured with the annual 'LalitArpan Samman' this year?
84. Which IT companies has launched its messaging app 'Allo' which is powered with artificial intelligence?
85. French state-run power major EDF will invest heavily in renewable energy in India, with projects worth how much amount in the pipeline, and is bullish about the sector, where it sees electricity tariffs falling 30% in five years?
86. Who has topped the Forbes' '100 Richest Indians' list, released by Forbes India recently?

Answer:

- | | | |
|---|------------------------------|------------------------------------|
| 1. March, 2017 | 24. Aung San Suu Kyi | 49. Sunrise & Parched |
| 2. West Bengal | 25. Syndicate Bank | 50. Abhishek Bachchan |
| 3. Iraq | 26. Yes Bank | 51. Virat Kohli |
| 4. Rourkela | 27. SS Mallikarjuna Rao | 52. P V Bharathi |
| 5. DCB Bank | 28. 8.0 per cent | 53. Federal Bank |
| 6. IndusInd Bank | 29. Dadri | 54. Goods and Services Tax Network |
| 7. Pradhan Mantri Awaas Yojana (PMAY) | 30. China | 55. Usha Ananthasubramanian |
| 8. MSK Prasad | 31. Subhankar Pramanick | 56. SC Jamir |
| 9. Anand Chandrasekaran | 32. Alka Sirohi | 57. Nadia Murad |
| 10. Junaid Ahmad | 33. Dr M Leelavathi | 58. VK Sharma |
| 11. India | 34. Lata Mangeshkar | 59. World Bank (WB) |
| 12. shooting | 35. Nepal | 60. Ajinkya Rahane, Rohit Sharma |
| 13. BEL | 36. Bima Diamond | 61. Narendra Babubhai Patel |
| 14. Monika Kapil Mohta | 37. Washington DC, USA | 62. Indian Navy |
| 15. Eldeen Husaini Muhammad Hashim | 38. Ludhiana, Punjab | 63. Ujjivan Financial Services Ltd |
| 16. Yatri Mitra Seva | 39. Andhra Pradesh | 64. Edward Albee |
| 17. Game of Thrones | 40. Paytm | 65. All India Radio (AIR) |
| 18. March, 2017 | 41. Priyanka Chopra | 66. Carlo Azeglio Ciampi |
| 19. Hindustan Aeronautics Limited (HAL) | 42. Vijaya Bank | 67. Atul Kumar Goel |
| 20. Surface-to-air missile | 43. NTPC | 68. 112th |
| 21. Russia and China | 44. Odisha | 69. Paytm |
| 22. Australia | 45. ISRO | 70. Karnataka Bank Ltd |
| 23. Ravi Reddy | 46. New Delhi | 71. Axis Bank |
| | 47. Guided missile destroyer | 72. Federal Bank |
| | 48. China | 73. Misbah-ul-Haq |

- | | | |
|--------------------------------|--------------------------------|-------------------|
| 74. Himachal Pradesh | 79. Dena Bank | 84. Google |
| 75. New Delhi | 80. Green Park Stadium, Kanpur | 85. \$2 billion |
| 76. Curtis Hanson | 81. February 01 | 86. Mukesh Ambani |
| 77. MS Dhoni | 82. Dhaka | |
| 78. Ramanathapuram, Tamil Nadu | 83. Shubha Mudgal | |

25TH SEPTEMBER TO 30TH SEPTEMBER

- Government has fixed an export quota of ten thousand tonnes of white sugar to _____ under a certain provision for the one-year period.
- The government has announced a total cash reward of how much Rupees for the medal winners of Rio Paralympics?
- Which country with Vietnamese navies have begun the 7th annual Naval Engagement Activity (NEA) Vietnam 2016 at Tien Sa Port in Da Nang, Vietnam?
- Who has been awarded the 'Lata Mangeshkar Award for Lifetime Achievement' instituted by the Maharashtra government?
- Name the former Australian cricketer, whose awkward and unorthodox bowling action earned him the nickname 'Tangles', had passed away?
- World Maritime Day is being observed annually on 29th September 2016 across the world. The World Maritime Day theme for 2016 is.....?
- Which hospital with Italy's KOS group have jointly launched a medical rehabilitation hospital in Hyderabad recently?
- Q8. Which bank has inked a MoU with Birla Sun Life Asset Management Company for distribution of mutual fund products?
- The Union Cabinet has given its ex-post facto approval for the Varishtha Pension Bima Yojana (VPBY) 2003 launched and Varishtha Pension Bima Yojana (VPBY) 2014. The Schemes are implemented through.....?
- Name the fisherman, who got the award for his active involvement in open sea cage farming, guided by the Veraval Regional Centre of CMFRI, off the Veraval coast?
- Asian Development Bank (ADB) retained India's GDP growth forecast at _____ for the current fiscal and forecast the economy would grow at _____ in 2017-18.
- CCEA has given its approval for Oil India, Indian Oil Corporation and Bharat Petro Resources Ltd to acquire 23.9 per cent in JSC Vankorneft for \$2.020 billion and 29.9 per cent stake in LLC Taas-Yuryakh for \$1.242 billion from national oil company Rosneft, which is an integrated oil company majority owned by the Government of.....?
- Defence Minister has inaugurated the 35th Coast Guard Commanders Conference at Coast Guard Headquarters, New Delhi. Who is the present union defence Minister of India?
- The World Health Organisation, a specialised agency of UN has declared the Region of _____ as Measles free.
- The theme for 2016 of World Rabies Day was.....?
- The United States has appointed its first Ambassador Jeffrey DeLaurentis to _____ in 55 years as relations between the countries thaw.
- Which state has informed the High Court that it has decided to increase the financial assistance given to women convicts after their release from prison from Rs 5000 to Rs 25,000?
- India has jumped 16 places in Global Competitiveness Index, GCI 2016-17 released by the World Economic Forum. For the second year in a row, India climbed 16 positions to occupy the _____ spot out of 138 countries which were reviewed.
- Which insurance company has launched a telematics-based offering — 'Drive Smart' — to reward customers who drive safely and well?
- Which public sector bank has received RS.775 crore as capital infusion from the Central government?
- In an unprecedented move, the Centre removed _____ from the post of Chairman and Managing Director of Bank of Maharashtra with immediate effect.
- Which country's lower house of parliament has passed a landmark bill giving its small Hindu minority the right to register marriages recently?
- Name the former Israeli prime minister, president and Nobel Peace Prize winner, who has died at the age of 93?
- For the Swachh Bharat Mission, Ministry of Drinking Water and Sanitation has launched an ad campaign featuring _____ and _____.
- The parliamentary committee has been constituted to review the all budgetary reforms. The committee headed by....?
- Who has been as the elected president of the prestigious Indian Statistical Institute (ISI)?
- Which country were confirmed as hosts of the 2026 Asian Games, adding yet another major event to the country's bulging international sports calendar?

28. Name the project, which is a new indirect tax network of the Central Board of Excise and Customs (CBEC), has been approved by CCEA.
29. According to WTO Global trade volumes are set to grow by just _____ this year, the first time in 15 years that international commerce has grown more slowly than the world economy.
30. India's Lopamudra Raut was the second runner-up at Miss United Continents 2016. The crown was won by Jeslyn Santos from-----?
31. The Department of Investment and Public Asset Management has appointed _____ as the asset management company for the creation and launch of a new Exchange Traded Fund (ETF).
32. Name the India's Squash player, who defeat Jordan's Mohammad Al-Sarraj to win the U-19 Asian Junior Individual squash championship title in Kuala Lumpur, Malaysia recently?
33. Insurance Regulatory and Development Authority of India (IRDAI) has imposed a penalty of Rs 10 lakh on which Insurance Company for violations of various norms?
34. Who has been elected new president of the Boxing Federation of India?
35. Name the greatest golfers of all time, who has died at the age of 87 in Pittsburgh recently?
36. Which company has introduced special packaging for its flagship brands - Maggi, Nescafe and Kitkat, to support education for girl children?
37. Which country's State Flood Control and Drought Relief Headquarters activated a level III emergency response for the approaching Typhoon Megi.
38. World Tourism Day is celebrated on 27th September Since 1980 to foster awareness among the international community of the importance of tourism and its social, cultural, political and economic value. The theme of this year is.....?
39. Name the Indian leader, who address 71st session of the United Nations General Assembly at United Nations headquarters in New York, USA.
40. The Union Agriculture and Farmers Welfare Minister, Shri Radha Mohan Singh inaugurated the four day Pandit Deen Dayal Upadhyay Krishi Unnati Mela – 2016, in which city?
41. The Reserve Bank has given approval to how much ant to cash credit limit (CCL) for purchasing paddy in poll-bound Punjab?
42. Who was elected Chairman of the Finance Companies Association India (FCAI), at the 33rd AGM of the Association?
43. Which country has built world's largest radio telescope nicknamed Tianyan (Heavenly Eye" or "The Eye of Heaven) or the five-hundred-metre aperture spherical radio telescope (FAST)?
44. Who is the President of the seventy first (71st) session of the UN General Assembly?
45. Q45. Which country has signed a peace agreement with one of the country's largest militant groups Hezb-e-Islami led by Gulbuddin Hekmatyar?
46. The "White Helmets" has won the prestigious Right Livelihood Award which is also known as 'alternative Nobel' prize. The White Helmets is an aid group based in.....?
47. The first-ever Jesse Owens Olympic Spirit Award-2016 will be posthusly bestowed to Olympic champion _____, who passed away on June 3, 2016.
48. The 8th edition of the Indo-Russia joint military exercise _____ was flagged off in Vladivostok in Russia.
49. Which film has been chosen India's official entry to Best Foreign Language Film category at the 89th Academy Awards to be held in 2017?
50. Which state government has allotted Rs 204 crore towards the implementation of the enhanced gold scheme under a marriage assistance programme and allotted for 'Thaaliku Thangam' (Gold for Mangalsutra) scheme for the year 2016-17 to benefit 12,500 women?
51. Who has been appointed as Additional Secretary in the Goods and Services Tax (GST) Council?
52. Which state has become the first state to adopt Centre's Street Lighting National Programme (SLNP) in all its urban local bodies (ULB)?
53. Mobile payments and loans start-up ftcash, backed by IvyCap Ventures, is the first fintech start-up to launch Unified Payment Interface (UPI) for merchants in association with.....?
54. Which administration and French Development Agency (AFD) signed a MoU on Smart City Project and 'Technical Cooperation' in the field of Sustainable Urban Mobility?
55. Who became the fastest Indian and second overall to take 200 wickets, reaching the milestone in his 37th Test recently?
56. Who has been concurrently accredited as the Ambassador of India to the Republic of Djibouti?
57. Which among the following newspaper has been awarded the Silver and Bronze awards in the 'Best Reader Engagement' category of the South Asian Digital Media Awards at the WAN-IFRA (World Association of Newspapers and News Publishers) India 2016 conference in Kolkata?
58. Who will be the new Chairman of Indian Oil Corporation Ltd

(IOC), the nation's largest company?

59. India inked with which country to deal for 36 Rafale fighter jets?
60. The Government has set a target of doubling food processing levels in the country to 20 per cent by.....?
61. Which country is set to host India Week celebrations from 24th September 2016 with a business and investment meeting to be attended by CEOs of top Indian firms?
62. Who was conferred the 10th Annual Clinton Global Citizen Award for leadership in business and philanthropy?
63. How many members were appointed by central government to the monetary policy committee?
64. Name the former Indian women's hockey captain, who has announced her retirement from international hockey recently?
65. President Pranab Mukherjee and Prime Minister Narendra Modi launched Vice President Mohd Hamid Ansari's book titled _____ at Rashtrapati Bhawan in New Delhi.
66. Who has appointed as chairperson of Insolvency and Bankruptcy Board of India?
67. The Union Cabinet approved an agreement between India and _____ for exchange of tax related information.
68. Cabinet approves Rs 1,102 crore submarine cable link to which among the following Union territories?
69. Banks and auto brands dominate the list of top 10 of the 50 most valuable brands in India. Which Bank/auto brand held on to the top spot?
70. Name the person, who was appointed as Ambassador to the USA?
71. Which Bank has entered into partnership with two insurance companies for distributing their products recently?
72. India is negotiating with ____ Export-Import Bank for an \$8-9 billion loan to finance six Westinghouse Electric nuclear reactors, two sources familiar with the talks said, although a lending freeze at the trade agency threatens progress.
73. The Delhi's Race Course Road, which houses PM Narendra Modi's residence, has now been renamed as.....?

Answer:

- | | | |
|---|---|-------------------------|
| 1. EU | 30. Philippines | 59. France |
| 2. 90 lakh Rupees | 31. ICICI Prudential AMC | 60. 2019 |
| 3. USA | 32. Velavan Senthilkumar | 61. Yangzhou, China |
| 4. Uttam Singh | 33. SBI Life Insurance Company | 62. Adi Godrej |
| 5. Max Walker | 34. Ajay Singh | 63. Three |
| 6. Shipping: indispensable to the world | 35. Arnold Palmer | 64. Ritu Rani |
| 7. Apollo Hospitals | 36. Nestle India | 65. Citizen and Society |
| 8. Karnataka Bank Ltd | 37. China | 66. Madhusudan Sahoo |
| 9. Life Insurance Corporation (LIC) | 38. Tourism for all - promoting universal accessibility | 67. Samoa |
| 10. Hasanbhai Musangara Jumabhai | 39. Sushma Swaraj | 68. Andaman and Nicobar |
| 11. 7.4 per cent and 7.8 per cent | 40. Mathura, Uttar Pradesh | 69. HDFC Bank |
| 12. Russia | 41. Rs 26,000-crore | 70. Navtej Sarna |
| 13. Manohar Parrikar | 42. V Gopalakrishnan | 71. Andhra Bank |
| 14. Americas | 43. China | 72. USA |
| 15. Rabies- Educate, Vaccinate, Eliminate | 44. H.E. Peter Thomson | 73. Lok Kalyan Marg |
| 16. Cuba | 45. Afghanistan | |
| 17. Maharashtra | 46. Syria | |
| 18. 39th | 47. Muhammad Ali | |
| 19. Bajaj Allianz General Insurance | 48. Indra 2016 | |
| 20. UCO Bank | 49. Visaranai | |
| 21. Sushil Muhnot | 50. Tamil Nadu | |
| 22. Pakistan | 51. Arun Goyal | |
| 23. Shimon Peres | 52. Rajasthan | |
| 24. Amitabh Bachchan, Sachin Tendulkar | 53. ICICI Bank | |
| 25. M Veerappa Moily | 54. Chandigarh | |
| 26. Vijay Kelkar | 55. Ravichandran Ashwin | |
| 27. Japan | 56. Anurag Srivastava | |
| 28. Project Saksham | 57. The Hindu | |
| 29. 1.7 per cent | 58. Sanjiv Singh | |



CAREER POWERTM

AN IIT/IIM ALUMNI COMPANY

Premier Institute for All Govt. Competitive Exams

**IBPS
PO/CLERK**

**SBI
PO/CLERK**

**IBPS
IT**

**IBPS
Interview**

**SSC
CGL**

SELECTIONS

→ **250+**

Selections in
SBI PO Mains 2016

→ **6,330+**

Selections in
IBPS Clerk-V 2016

→ **550+**

Selections in
SBI PO MAINS 2015

→ **10,443+**

Selections in
SBI Clerk PRE 2016

→ **12,057+**

Selections in
IBPS Clerk PRE 2015

→ **1,042+**

Selections
in SBI PO PRE 2015

HEAD OFFICE : LAXMI NAGAR

B-37, Gurunanak Pura, Opp. District Centre Laxmi Nagar, Near Nirman Vihar Metro Station

More Than 100 PAN India Branches

Delhi: Laxmi Nagar | Munirka | Rohini | Uttam Nagar | Kingsway Camp | Mukherjee Nagar | Old Rajendra Nagar

UP: Noida | Ghaziabad | Lucknow Mahanagar | Lucknow Alambagh | Aligarh | Bareilly | Kanpur | Jhansi | Meerut | Moradabad
Chandausi | Gorakhpur | Mathura | Jaunpur | Sitapur | Agra | Allahabad | Varanasi | **Haryana:** Rohtak | Ambala | Rewari | Hisar

MP: Gwalior | Guna | Rewa | Bhopal | Indore | Satna | Hoshangabad | **Orissa:** Brahmapur | **Bihar:** Patna | Muzzafarpur | Darbhanga

| Madhubani | **Jharkhand:** Ranchi | **Rajasthan:** Jodhpur | Jaipur | Udaipur | Bikaner | Sri Ganganagar | Ajmer

Punjab: Ludhiana | Chandigarh | **W.B:** Kolkata | Rishra Hooghly | Durgapur | Siliguri | **Gujarat:** Ahmedabad | Gandhinagar

Vadodara | Anand | **Uttarakhand:** Dehradun | **Telangana:** Hyderabad | **Tamil Nadu:** Pondicherry | Vellore | Chennai | Salem | **A.P.:** Anantpur

Karnataka: Bangalore | **Maharashtra:** Pune | Mumbai



bankersadda.com



sscadda.com

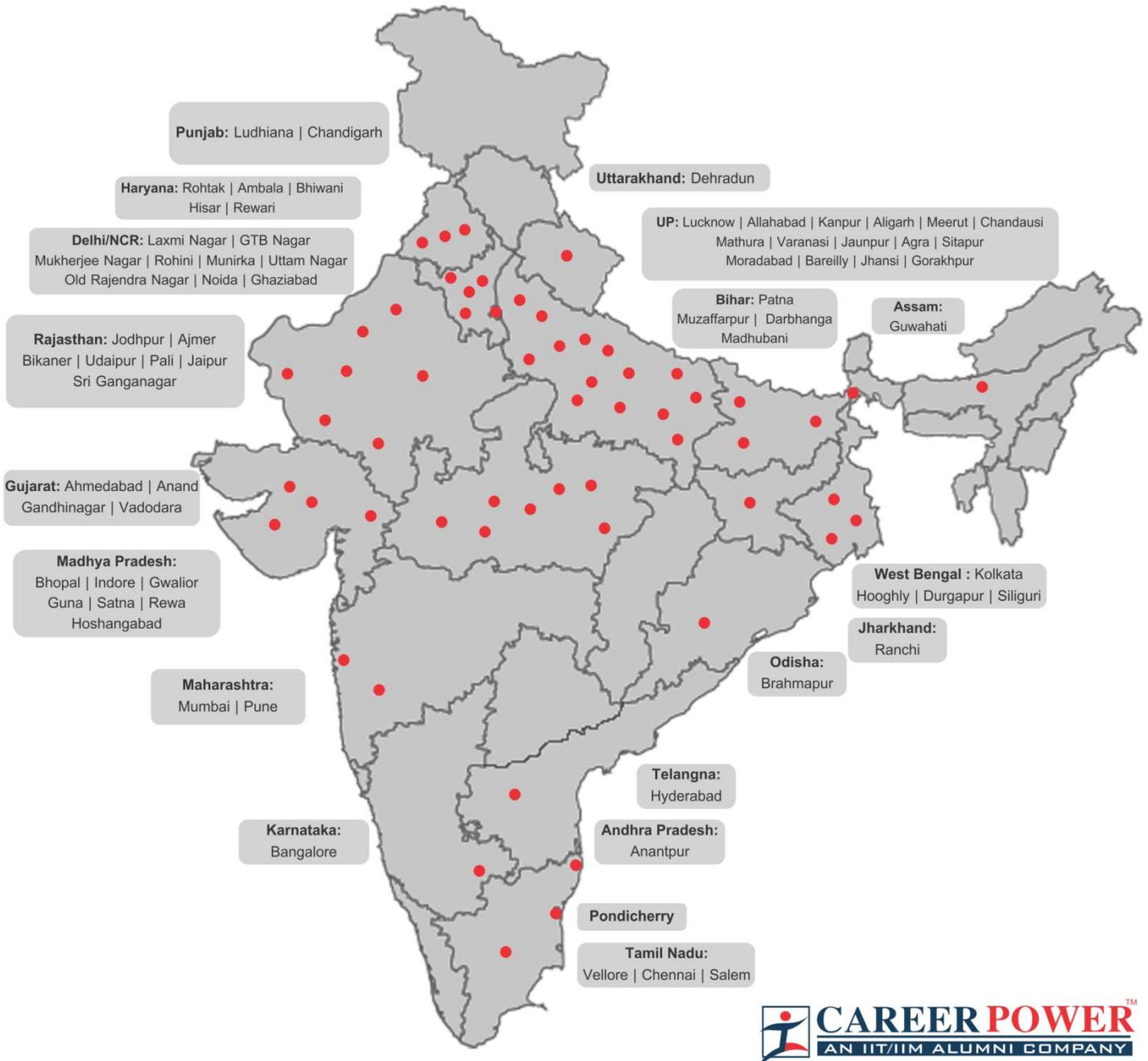


Adda 247

Official BankersAdda Android App

Website: www.careerpower.in | Email: info@careerpower.in

Over 100 PAN India Branches



COMING SOON....

Faizabad | Hanumangarh | Bhatinda | Guwahati | Nagpur | Bhubaneswar | Raipur | Jabalpur | Jammu
Shimla | Patiala | Saharanpur | Muzaffarnagar | Bulandshahr | Gaya | Bhagalpur | Thiruvananthapuram
Haldwani | Sultanpur | Bhilai | Coimbatore

Twisted Ones for IBPS & RRB 2016: Reasoning

Directions (1-5): Study the following information carefully and answer the questions given below:

There are eight persons in a family P, Q, R, S, T, U, V and W sitting around a circular table facing the centre. Among them there are three Doctors, two Engineers, two Authors and one Painter. Each person has only one occupation. There are three married couples in the family and no unmarried female. Three generations are there in the family.

S has two children. V and W are children of T and R respectively. U is wife of S and mother of Q and P. R is a female but not wife of P.

V, a grandson of S, sits exactly between R and P and only T sits exactly between Q and U. Only one person sits between R and Q but he is not W. Q is not the immediate neighbour of V, who is not opposite S. Q does not sit opposite a female. One of the sons of S is on the immediate left of S. The person who is on the immediate left of V and the person who is on the immediate right of Q are not Doctors. The immediate neighbours of T are neither an Engineer nor a Doctor. W is a Painter.

- Who among the following are immediate neighbours of W?
(a) P and V (b) P and U (c) R and Q
(d) Can't be determined (e) None of the above
- Which of the following statements is/are true?
(a) V is grandson of U (b) P is aunt of W
(c) V is on the immediate left of her mother
(d) Sister-in-law of Q is an author
(e) None of the above
- Which of the following two females sit adjacent to each other in the arrangement?
(a) U, T (b) R, U (c) P, W
(d) R, T (e) None of the above
- Which of the following is a group of Doctors?
(a) T, V, P (b) Q, V, R (c) U, T, P
(d) P, Q, U (e) None of the above
- Who among the following sits exactly between S and T?
(a) Author (b) Painter (c) Engineer
(d) Doctor (e) Either Author or Engineer

Direction (6-11): Study the following information carefully and answer the given questions.

K, L, M, N, O, P, Q and R live on eight different floors of a building but not necessarily in the same order. The lowermost floor of the building is numbered one, the one above that is numbered two and so on till the topmost floor is numbered eight. Each of them also likes a different superhero, namely Batman, Superman, Captain America, Thor, Hulk, Wolverine, Nova and Ironman, but not necessarily in the same order.

- The one who likes Thor lives on an even-numbered floor. Only three people live between the one who likes Thor and M.
- Only two people live between M and N. N does not live on the lowermost floor. Only three people live between N and one who likes Hulk.
- O lives immediately above K. O lives on an even-numbered floor. K does not like Hulk. K lives neither on the floor numbered three nor five.
- Only two people live between K and the one who likes Nova.

- Only one person lives between the one who likes Nova and Ironman. The one who likes Ironman lives below the one who likes Nova.
 - L lives immediately above Q. Only one person lives between Q and the one who likes Captain America.
 - The one who likes Wolverine lives immediately above the one who likes Batman.
 - P does not like Thor. K does not like superman.
- Which of the following pairs represent those who live immediately above and immediately below N?
(a) R, L (b) Other than those given as options
(c) L, M (d) K, Q (e) R, Q
 - Four of the following five are alike in a certain way as per the given arrangement and so form a group. Which of the following does not belong to that group?
(a) K – Floor numbered five
(b) Q – Floor numbered six
(c) L – Floor numbered two
(d) N – Floor numbered seven
(e) R – Floor numbered eight
 - Which of the following superheroes does R like?
(a) Other than those given as options
(b) Superman (c) Nova
(d) Thor (e) Batman
 - Which of the following superheroes does P like?
(a) Iron man (b) Wolverine (c) Batman
(d) Captain America (e) Other than those given as options
 - N lives on which of the following floor numbers?
(a) Five (b) Three (c) Seven
(d) One (e) Other than those given as options
 - As per the given arrangement, P is related to Nova and N is related to Wolverine in a certain way. To which of the following is M related to in the same way?
(a) Superman (b) Batman (c) Captain America
(d) Thor (e) Hulk

Directions (12-15): Study the following information carefully and answer the questions given below:

J, K, L, M, N, O, P and Q are sitting in a straight line facing north. Each one of them has a different profession, viz Engineer, Banker, Clerk, Doctor, Teacher, Architect, Shopkeeper and Businessman.

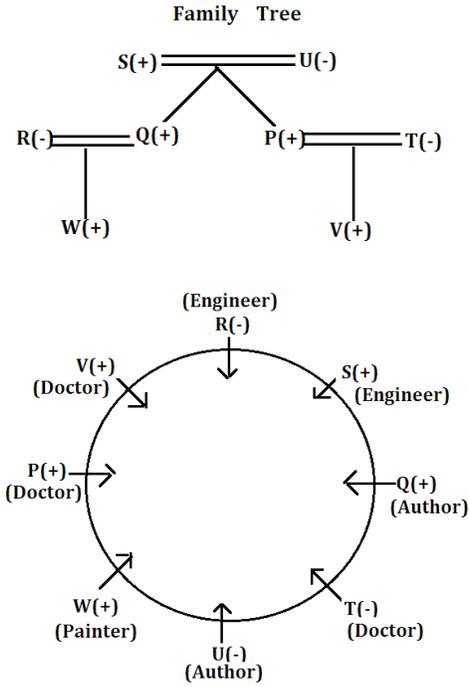
J sits third to the right of Teacher. M sits second to the left of P, who sits on one end of the line. K is a shopkeeper. Only one person sits between K and the one who is a Teacher. The one who is an Architect sits third to the right of the Shopkeeper. Q sits between Architect and Engineer. N is not an immediate neighbor of Q. Only one person sits between the Businessman and O. N is neither a Businessman nor a Doctor. P is a Clerk. M is not an Architect.

- Who among the following is an Engineer?
(a) L (b) Q (c) M
(d) J (e) None of the above
- Who among the following sits third to the right of N?
(a) Doctor (b) Teacher (c) Architect
(d) Engineer (e) None of the above
- How many persons are there between L and Doctor?
(a) None (b) One (c) Two

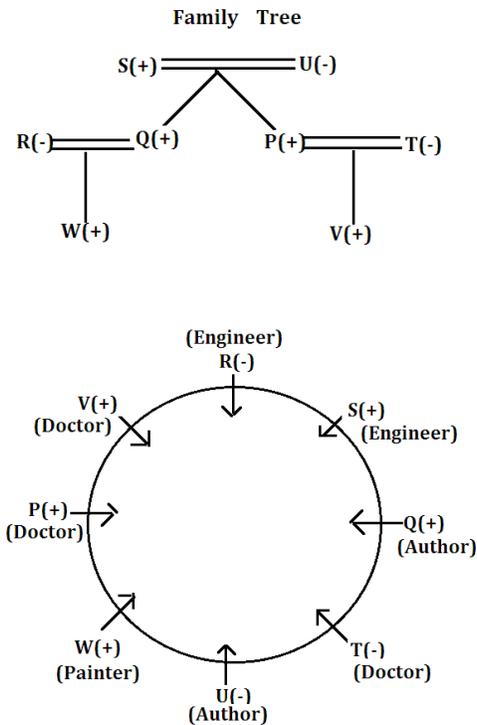
- (d) Three (e) None of the above
 15. Who among the following sit at the extreme ends of the line?
 (a) Shopkeeper and Doctor (b) Banker and Businessman
 (c) Clerk and Engineer (d) Banker and Clerk
 (e) None of the above

Solutions:

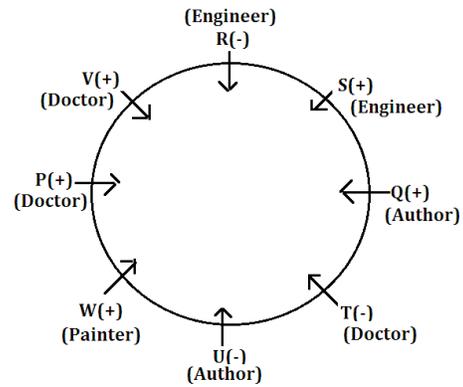
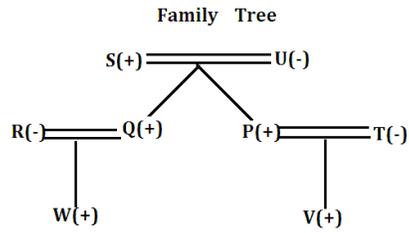
1. (b)



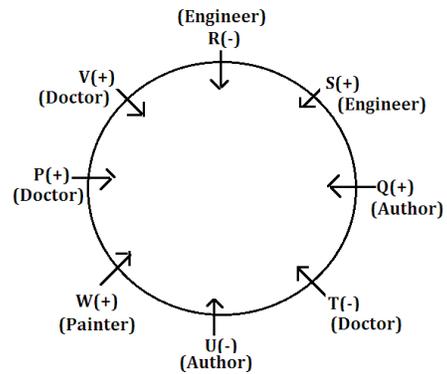
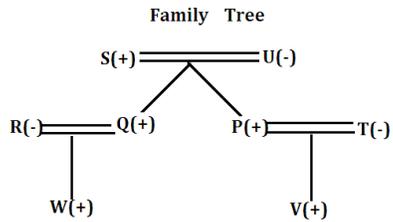
2. (a)



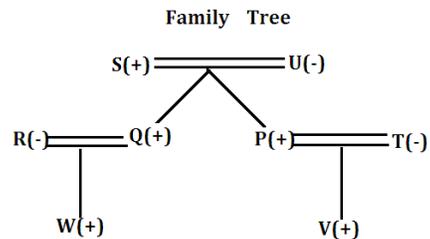
3. (a)

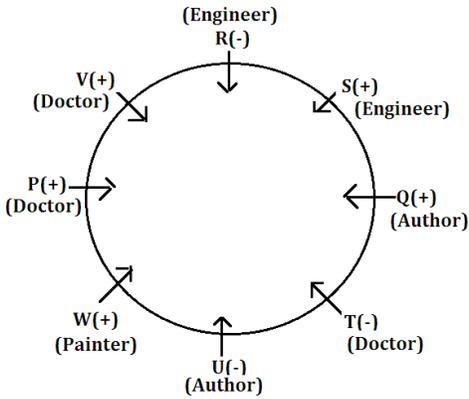


4. (a)



5. (a)





8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

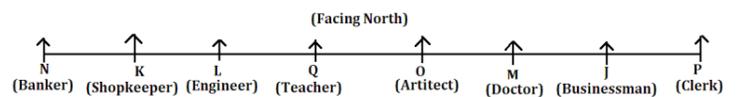
10. (a)

Floors	Persons	Superhero
8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

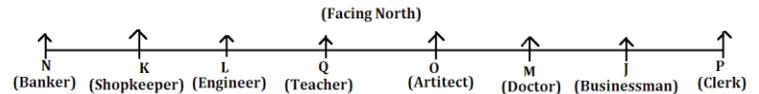
11. (c); The superhero liker can be found three floors above.

Floors	Persons	Superhero
8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

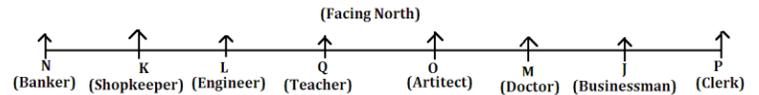
12. (a)



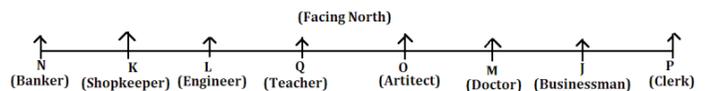
13. (b)



14. (c)



15. (d)



6. (a)

Floors	Persons	Superhero
8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

7. (b); Except Q, floor number six, all others have a gap of one floor between them.

Floors	Persons	Superhero
8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

8. (d)

Floors	Persons	Superhero
8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

9. (e); P like Hulk

Floors	Persons	Superhero
8	O	Wolverine
7	K	Batman
6	R	Thor
5	N	Captain America
4	L	Nova
3	Q	Superhero
2	M	Ironman
1	P	Hulk

Twisted Ones for IBPS & RRB 2016: Quant

Directions (1-6): Answer the questions based on the following information.

Help Distress (HD) is an NGO involved in providing assistance to people suffering from natural disasters. Currently, it has 37 volunteers. They are involved in three projects: Tsunami Relief (TR) in Tamil Nadu, Flood Relief (FR) in Maharashtra and Earthquake Relief (ER) In Gujarat. Each volunteer working with Help Distress has to be involved in at least one relief work project.

- A maximum number of volunteers are involved in the FR project. Among them, the number of volunteers involved in FR project alone is equal to the volunteers having additional involvement in the ER project
 - The number of volunteers involved in the ER project alone is double the number of volunteers involved in all the three projects.
 - 17 volunteers are involved in the TR project.
 - The number of volunteers involved in the TR project alone is one less than the number of volunteers involved in ER project alone.
 - Ten volunteers involved in the TR project are also involved in at least one more project.
1. Based on the information given above, the minimum number of volunteers involved in both FR and TR projects, but not in the ER project is
(a) 1 (b) 3 (c) 4
(d) 5 (e) Can't be determined
 2. Which of the following additional information would enable to find the exact number of volunteers involved in various projects?
(a) Twenty volunteers are involved in FR
(b) Four volunteers are involved in all the three projects
(c) Twenty three volunteers are involved in exactly one project
(d) No need for any additional information
(e) None of these
 3. After some time, the volunteers who were involved in all the three projects were asked to withdraw from one project. As a result, one of the volunteers opted out of the TR project, out of the ER project, while the remaining ones involved in all the three projects opted out of the FR project. Which of the following statements, then necessarily follows?
(a) The lowest number of volunteers in Now, in TR project
(b) More volunteers are, now in FR project as compared to ER project
(c) More volunteers are, now in TR project as compared to

ER project

(d) None of these

(e) Can't be determined

4. After the withdrawal of volunteers, as indicated in Question 4, some new volunteers joined the NGO. Each one of the them was allotted only one project in manner such that, the number of volunteers working in one project alone for each of the three projects became identical. At that point, it was also found that the number of volunteers involved in FR and ER projects was the same as the number of volunteers involved in TR and ER projects. Which of the projects, now has the highest number of volunteers?
(a) ER (b) FR (c) TR
(d) Cannot be determined (e) None of these
5. How many volunteers are working in all three projects initially?
(a) 4 (b) 8 (c) 12
(d) 7 (e) None of these
6. How many Volunteers are working in ER project alone?
(a) 4 (b) 8 (c) 12
(d) 7 (e) None of these

Directions (7-10): Answer the questions based on the following information.

Venkat, a stockbroker, invested a part of his money in the stock of four companies.... A, B, C, D. Each of these companies belonged to different industries, viz, Cement, Information Technology (IT), Auto and Steel, in no particular order. At the time of investment, the price of each stock was Rs. 100. Venkat purchased only one stock of each of these companies. He was expecting returns of 20%, 10%, 30% and 40% from the stock of companies A, B, C and D, respectively. Returns are defined as the change in the value of the stock after one year, expressed as a percentage of the initial value. During the year, two of these companies announced extraordinarily good results. One of these two companies belonged to the Cement or the IT industry, while the other one belonged to either the Steel or the Auto industry. As a result, the returns on the stocks of these two companies were higher than the initially expected returns. For the company belonging to the cement or the IT industry with extraordinarily good results, the results were twice that of the initially expected returns. For the company belonging to the Steel or the Auto industry, the returns on announcement of extraordinarily good results were only one and a half times that of the initially expected returns. For the remaining two companies, which did not announce extraordinarily good results, the returns realized during the year were the same as initially expected.

7. What is the minimum average return Venkat would have

earned during the year?

- (a) 30% (b) $31\frac{1}{4}\%$ (c) $32\frac{1}{2}\%$
 (d) Cannot be determined (e) None of these

8. If Venkat earned a 35% return on average during the year, then which of these statements would necessarily be true?

- I. Company A belonged either to Auto or to Steel Industry.
 II. Company B did not announce extraordinarily good results.
 III. Company A announced extraordinarily good results.
 IV. Company D did not announce extraordinarily good results.

- (a) I and II only (b) II and III only
 (c) III and IV only (d) II and IV only (e) None of these

9. In Venkat earned a 38.75% return on average during the year, then which of these statement(s) would necessarily be true?

- I. Company C belonged either to Auto or to Steel Industry.
 II. Company D belonged either to Auto or to Steel Industry.
 III. Company A announced extraordinarily good results.
 IV. Company B did not announce extraordinarily good results.

- (a) I and II only (b) II and III only (c) I and IV only
 (d) II and IV only (e) None of these

10. If Company C belonged to the Cement or the IT industry and did announce extraordinarily good results, then which of these statement(s) would necessarily be true?

- I. Venkat earned not more than 36.25% return on average.
 II. Venkat earned not less than 33.75% return on average
 III. If Venkat earned 33.75% return on average, Company A announced extraordinarily good results.
 IV. If Venkat earned 33.75% return on average, Company B belonged either to Auto or to Steel Industry.

- (a) I and II only (b) II and IV only (c) II and III only
 (d) III and IV only (e) None of these

Directions (11-15): Answer the questions based of the following information.

Krishna distributed 10-acre land to Gopal and Ram who paid him the total amount in the ratio 2: 3. Gopal invested a further Rs. 2 lakh in the land and planted coconut and lemon trees in the ratio 5: 1 on equal areas of land. There were a total of 100 lemon trees. The cost of one coconut was Rs. 5. The crop took 7 yr to mature and when the crop was reaped in 1997, the total revenue generated was 25% of the total amount put in by Gopal and Ram together. The revenue generated from the coconut and lemon trees was in the ratio 3: 2 and it was shared equally by Gopal and Ram as the initial amounts spent by them were equal.

11. What was the total output of coconuts?

- (a) 24,000 (b) 36,000 (c) 18,000
 (d) 48,000 (e) None of these

12. What was the value of output per acre of lemon tree planted?

- (a) 0.24 lakh/acre (b) 2.4 lakh/acre
 (c) 24 lakh/acres (d) Cannot be determined
 (e) None of these

13. What was the amount received by Gopal in 1997?

- (a) Rs. 1.5 lakh (b) Rs. 3 lakh (c) Rs. 6 lakh
 (d) None of these (e) None of these

14. What was the value of output per tree for coconuts?

- (a) Rs 36 (b) Rs 360 (c) Rs 3,600
 (d) Rs 240 (e) None of these

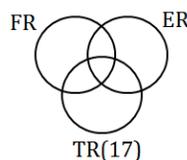
15. What was the ratio of yield per acre of land for coconuts and lemons (in terms of number of lemons and coconuts)?

- (a) 3: 2 (b) 2: 3 (c) 1: 1
 (d) Cannot be determined (e) None of these

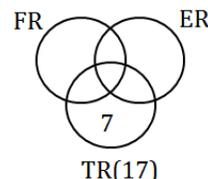
Solutions:

Directions (1-4):

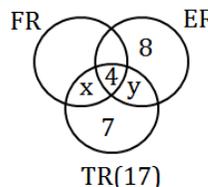
- 17 in TR



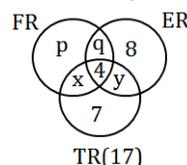
- 10 in TR also in at least one more
 $\Rightarrow 7$ in TR alone



- TR alone = one less than ER alone
 \Rightarrow ER alone = 8
- ER alone = double of all 3
 \Rightarrow In all three = $\frac{8}{2} = 4$

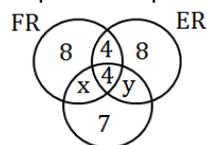


- FR alone = (FR and ER)



$\Rightarrow p = q + 4$
 Total = 37
 $P + q = 37 - 8 - 17$
 $= 12$

$\Rightarrow p = 8$ and $q = 4$



TR(17)

Now, total number of FR is maximum

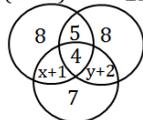
$\Rightarrow 8 + 4 + 4 + x > 8 + 4 + 4 + y$

$\Rightarrow x > y$ and $x + y = 6$

$\Rightarrow x = \{4, 5, 6\}$ $y = \{0, 1, 2\}$

1. (c); Both FR and TR but not ER = x
Minimum $x = 4$
2. (a); Option (b) and option (c) are superfluous. They are not required, option (a), if given would tell us the value of $x = 4$ and hence $y = 2$.

3. (b)
FR(14+x) ER (15+y)



TR(16)

Out of 4 who are in all the three, 2 move out of FR and one-one move out of ER and TR.

Minimum in FR = $14 + x = 14 + 4 = 18$

Maximum in ER = $15 + y = 15 + 2 = 17$

Hence, option (b) is correct answer.

4. (d); FR and ER = 5
ER and TR = $y + 2$
 $\Rightarrow 5 = y + 2 \Rightarrow y = 3$
Hence, option (d) is correct answer.
Because it is impossible to find the new volunteers.
5. (a) It is clear from the Venn diagram.
6. (b) It is clear from the Venn diagram.
7. (a); Taking the minimum value of the expected returns as 10. We have to see which of the two values of 10 and 20 multiplied by 2 and 1.5 and vice-versa yields the minimum value.

Hence, comparing the minimum value between $20 \times 2 + 10 \times 1.5$ and $20 \times 1.5 + 10 \times 2$, the 2nd one is minimum.

Hence, the minimum average return is $\frac{20 \times 1.5 + 10 \times 2 + 30 + 40}{4} = 30\%$

8. (b); If the average return is 35%, then the total return is $35 \times 4 = 140$. The possible arrangement of 140 being $40 \times 1.5 + 30 + 20 \times 2 + 10$.
A = 20×2 (Cement or IT)
B = 10
C = 30
D = 40 (1.5) (Steel or Auto)

From the data given in the question we see that A has to be Cement or IT.

D is Steel or Auto.

Hence, statements (II) and (III) are correct.

9. (c); Total return is $38.75 \times 4 = 155$
The possible arrangement is $20 + 10 + 30 \times 1.5 + 40 \times 2$
Hence, A = 20, B = 10, C = 30 (Steel or Auto)
D = 40 (Cement or IT)
Hence, statements (I) and (IV) are correct.
10. (b); Given C... Cement or IT industry
C's return is $30 \times 2 = 60\%$
Among the other values we see that the possible arrangement can be $10 \times 1.5 + 20 + 40 + 60$, $10 + 20 \times 1.5 + 40 + 60$, $40 + 20 + 40 \times 1.5 + 60$
The average returns will be in each case
 $\frac{10 \times 1.5 + 20 + 40 + 60}{4}$ (33.75%)
 $\frac{10 + 20 \times 1.5 + 40 + 60}{4}$ (35%)
 $\frac{40 + 20 + 40 \times 1.5 + 60}{4}$ (45%)
Considering 33.75% as the valid value, then B belongs to the Auto industry.
Hence, (II) and (IV) are correct. Therefore, options (b) is the correct choice.
11. (b); Let the amount invested by Gopal and Ram be $2x$ and $3x$ respectively. Gopal further invested Rs 2 lakh. Given $(2x + 2) = 3x$ or $x = 2$ lakh. Hence, initial amount paid by Gopal and Ram to Krishna is 4 lakh and 6 lakh respectively. Hence, total money invested by them together = $(6 + 6) = 12$ lakh. The total revenue generated = $12 \times 25\% = 3$ lakh. The ratio of revenue from coconut and lemon trees are in the ratio 3 : 2. Hence, revenue from coconut = Rs. 1,80,000 and revenue from lemons = Rs. 1,20,000. So total output of coconut = $\frac{1,80,000}{5} = 36,000$.
12. (a); The value of lemon output per acre of land = $\frac{1,20,000}{5} = 0.24$ lakh/acre.
13. (a); Since revenue of Rs. 3,00,000 is equally divided by Gopal and Ram. Hence, amount received by Gopal in 1997 = $\frac{1}{2} \times 3,00,000 =$ Rs. 1,50,000.
14. (b); Ratio of number of coconut trees and lemon trees = 5 : 1, therefore number of coconut trees is 500. Since, revenue generated from coconut trees is Rs. 1,80,000. Hence, value per tree = $\frac{1,80,000}{500} =$ Rs. 360
15. (d); Data are insufficient to determine the required ratio.

Twisted Ones for IBPS & RRB 2016: English Language

Directions (1-10): Read the following passage carefully and choose the best answer to each question out of the five given alternatives.

To teach is to create a space in which obedience to truth is practiced. Space may sound like a vague, poetic metaphor until we realize that it describes experiences of everyday life. We know what it means to be in a green and open field; we know what it means to be on a crowded rush hour bus. These experiences of physical space have parallels in our relations with others. On our jobs, we know what it is to be pressed and crowded, our working space diminished by the urgency of deadlines and competitiveness of colleagues.

But then there are times when deadlines disappear and colleagues cooperate, when everyone has space to move, invent and produce with energy and enthusiasm. With family and friends, we know how it feels to have unreasonable demands placed upon us, to be boxed in the expectations of those nearest to us. But then there are times when we feel accepted for who we are (or forgiven for who we are not), times when a spouse or a child or a friend gives us the space both to be and to become.

Similar experiences of crowding and space are found in education. To sit in a class where the teacher stuffs our minds with information, organizes it with finality, insists on having the answer while being utterly uninterested in our views, and forces us into a grim competition for grades-to sit in such a class is to experience a lack of space for learning. But to study with a teacher who not only speaks but also listens, who not only gives answers but asks questions and welcomes our insights, who provides information and theories that do not close doors but open new ones, who encourages students to help each other learn-to study with such a teacher is to know the power of a learning space.

A learning space has three essential dimensions: openness, boundaries and an air of hospitality. To create open learning space is to remove the impediments to learning that we find around and within us: we often create them ourselves to evade the challenge of truth and transformation. One source of such impediments is our fear of appearing ignorant to others or to ourselves. The openness of a space is created by the firmness of its boundaries. A learning space cannot extend indefinitely; if it did, it would not be a structure for learning but an invitation for confusion and chaos. When space boundaries are violated, the quality of space suffers. The teacher who wants to create an open learning space must define and defend its boundaries with care, because the pursuit of truth can often be painful and discomforting, the learning space must be hospitable. Hospitality means receiving each other, our struggles, our new-born ideas with openness and care. It means creating an ethos in which the community of truth can form and the pain of its transformation be borne. A learning space needs to be hospitable not to make learning painless, but to make painful things possible, things without which no learning can occur-things like exposing ignorance, testing tentative hypotheses, challenging false or partial information, and mutual criticism of thought.

The task of creating learning space with qualities of openness, boundaries and hospitality can be approached at several levels. The most basic level is the physical arrangement of the classroom. Consider the traditional classroom setting with row upon row of chairs facing the lectern where learning space is confined to the narrow alley of attention between each student and teacher. In this space, there is no community of truth, hospitality or room for students to relate to the thoughts of each other. Contrast it with the chairs placed in a circular

arrangement, creating an open space within which learners can interconnect. At another level, the teacher can create conceptual space-with words, in two ways. One is through assigned reading; the other is through lecturing. Assigned reading, not in the form of speed reading several hundred pages, but contemplative reading which opens, not fills, our learning space. A teacher can also create a learning space by means of lectures. By providing critical information and a framework of interpretation a lecturer can lay down the boundaries within which learning occurs.

We also create learning space through the kind of speech we utter and the silence from which true speech emanates. Speech is a precious gift and a vital tool, but often our speaking is an evasion of truth, a way of buttressing our self-serving reconstructions of reality. Silence must therefore be an integral part of learning space. In silence, more than in arguments, our mind-made world falls away and must also create emotional space in the classroom, space that allow feeling to arise and be dealt with because submerged feelings can undermine learning. In an emotionally honest learning space, one created by a teacher who does not fear dealing with feelings, the community of truth can flourish between us and we can flourish in it.

- Which of the following statements best describes the author's conception of learning space?
 - Where the teacher is friendly.
 - Where there is no grim competition for grades.
 - Where the students are encouraged to learn about space.
 - Where the teacher provides information and theories which open new doors and encourages students to help each other learn.
 - Physical, perceptual and behavioral levels.
- The statements 'the openness of a space is created by the firmness of its boundaries' appears contradictory. Which of the following statements provides the best justification for the proposition?
 - We cannot have a space without boundaries.
 - Bounded space is highly structured.
 - When space boundaries are violated, the quality of space suffers.
 - A teacher can effectively defend a learning space without boundaries.
 - Learning encompasses such elements as courage, dignity and endeavor.
- According to the author, learning is a painful process because:
 - It exposes our ignorance.
 - Our views and hypotheses are challenged.
 - It involves criticizing the views of others.
 - Of all of the above reasons.
 - A teacher who is not afraid of confronting feelings.
- The task of creating learning space with qualities of openness, boundaries and hospitality is multidimensional. It involves operating at:
 - Psychological and conceptual levels.
 - Physical, perceptual and behavioral levels.
 - Physical, conceptual and emotional levels.
 - Conceptual, verbal and sensitive levels.
 - Bounded space is highly structured.

5. According to the author, silence must be an integral part of learning space because:
- Silence helps to unite us with others to create a community of truth.
 - Silent contemplation prepares us to construct our mind-made world.
 - Speaking is too often an exercise in the evasion of truth.
 - Speaking is too often a way of buttressing our self-serving reconstruction of reality.
 - Exclusively rooted in our experiences of physical space.
6. According to the author, an effective teacher does not allow
- feelings to arise within the learning space.
 - silence to become an integral part of the learning space.
 - learning space to be filled by speed reading of several hundred pages of assigned reading.
 - violation of learning space boundaries.
 - creative extrapolation and illustrations.
7. Understanding the notion of space in our relations with others is:
- To acknowledge the beauty of poetic metaphor.
 - Exclusively rooted in our experiences of physical space.
 - To accept a spiritual dimension in our dealings with our peers.
 - To extend the parallel of physical space to our experiences in daily life.
 - Psychological and conceptual levels.
8. Another way of describing the author's notion of learning space can be summarized in the following manner.
- It is vital that learning be accompanied by unlearning.
 - Learning encompasses such elements as courage, dignity and endeavor.
 - An effective teacher recognizes the value of empathy.
 - Encourage good learners, discourage indifferent ones.
 - Our views and hypotheses are challenged.
9. Conceptual space with words can be created by
- Assigned reading and lecturing.
 - Speed reading and written comprehension.
 - Gentle persuasion and deliberate action.
 - creative extrapolation and illustrations.
 - involving emotionally and physically
10. An emotionally honest learning space can only be created by:
- A teacher committed to join the community.
 - A teacher who is not afraid of confronting feelings.
 - A teacher who takes care not to undermine the learning process.
 - A teacher who worships critical silence.
 - A teacher who is bold enough to create nuisance
- Directions (11-15):** In each of the following sentences, parts of the sentence are left blank. Beneath each sentence, five different ways of completing the sentence are indicated. Choose the best alternative from among the five options.
11. As the consequences of climate change become more _____, increasing numbers of people have come to _____ that the longer we hesitate, the more expensive the problem becomes.
- severe, reminisce
 - visible, evaluate
 - evident, reconcile
 - visible, recognize
 - pronounced, imagine
12. In the past, universities have been created in times of _____, typically to encourage people to think beyond their immediate need for survival to more edifying spiritual or national _____.
- poverty, wealth
 - distress, well being
 - plenty, goals
 - prosperity, interests
 - scarcity, goals
13. Is academic freedom affordable in a time of economic crisis? There remains a nagging sense that universities are _____ now that ordinary people are _____ to make ends meet.
- free, living
 - luxuries, struggling
 - useless, surviving
 - unnecessary, studying
 - exuberances, able
14. The new knowledge produced by original research is an instance of social capital formation. Hence, the university's unique institutional mission is to manufacture knowledge as a/an _____.
- social institution
 - intellectual property
 - consumable
 - utility
 - public good
15. Contrary to the hopes of many, the end of the Second World War and the shock of the Nazi atrocities did not mean the end of war and genocide; the decades following it have been _____ with bloody conflicts in which entire population groups have been _____.
- marred, involved
 - riddled, involved
 - rife, murdered
 - rife, associated
 - marred, compromised

Solutions

- (d); Where the teacher provides information and theories which open new doors and encourages students to help each other learn.
- (c); When space boundaries are violated, the quality of space suffers.
- (c); It involves criticizing the views of others.
- (c); Physical, conceptual and emotional levels.
- (a); Silence helps to unite us with others to create a community of truth.
- (c); learning space to be filled by speed reading of several hundred pages of assigned reading.
- (d); To extend the parallel of physical space to our experiences in daily life.
- (c); An effective teacher recognizes the value of empathy.
- (a); Assigned reading and lecturing.
- (b); A teacher who is not afraid of confronting feelings.
- (d); When things are 'visible' people 'recognize'.
- (c); Plenty, Goals. If people are to be encouraged toward thinking beyond their immediate need for survival, it can only be done when survival is not a problem, hence plenty or prosperity fits in the blank. once they are beyond the problem of survival people can be directed towards "edifying spiritual or national" goal or objectives.
- (b); Luxuries, struggling. In times of economic crisis, the nagging sense about the universities could be option B or D. during economic crisis it does not make sense to say that people are 'studying' to make ends meet. 'struggling' make better sense.
- (e); public good. Social capital controls the world. The most appropriate option approximating to 'social capital' is public good.
- (c); Rife, murdered. "did not mean the end of war and genocide" controls the words; the options will show that something that is "contrary to" the hopes of many. Hence, "rife" (widespread) fits in the first blank. Marred and riddled will be followed by "by" and not 'with'. In the second blank we need a word that is similar to genocide hence murdered.

SSC CGL 2016 Descriptive Paper : Essay Writing

The SSC CGL Mains exam is right around the corner. And after the Mains Paper comes the Descriptive Test. The Descriptive Test is a 60 minute long paper worth 100 marks. The descriptive paper is a boon for candidates who are good at communicating their thoughts and ideas. On the other hands, people who are not very good at it already can muster the art of doing so by doing simple things like learning how to write first and then write accordingly. This paper will be very crucial in determining your rank since this is a subjective paper and you can never be sure of the evaluator and his or her way of marking. So, brace up for the challenge, write and write till you feel that it is a cakewalk for you to write on any given topic. Success will not betray you.

Here are few expected essay topics and an example of essay writing which will be important for upcoming SSC CGL Descriptive exam.

➤ Expected Essay Topics for SSC CGL Descriptive Paper 2016

Online Education in India

The Current Picture of Women Empowerment in India.

Can RTI eradicate corruption? If yes, then why did so many major scams take place in the past years?

Do you think decentralization is better than centralization? If yes, then explain how.

Do political parties have a role to play in communal riots? If yes then explain how can this be controlled?

Reservation: A Social Boon or Bane?

Evaluate the impact of Multi-brand retail on Indian economy.

Comment on direct and indirect benefits of Corporate Social Responsibility (CSR) to companies.

Explain how affordable and quality education can help in nation building.

Assess the role of sports activities on the economy of a country.

Discuss OROP and its feasibility.

Role of media in a democracy.

Corruption in India.

National integration and communal harmony.

Terrorism

Sanitation and Cleanliness in India

What is the best way for the country to be rid of the menace of sexual harassment of women?

➤ An example of essay writing on "Online Education in India"

Education is the basic foundation of a student's life. It shapes his overall personality and demeanor. Thus it is important that

everyone has access to good education. With the growing popularity of electronic media, conventional methods of teaching are slowly and steadily being replaced by modern technology. With simple blackboards changing to interactive whiteboards, we are assured that change is on its way. This brings us to another important facet of education in a country like India – online education.

Online education is considered to be the means of attending classes via the internet. Many companies and start-ups provide online platforms to study on. These include MeritNation, Testbook, Toppr, Simplilearn, Ufaber, Intellipaat and Learnsocial among others.

Also known as distance learning, online education provides students with the advantage of studying in an atmosphere in which they are comfortable. This is especially beneficial for those individuals who are burdened with family responsibilities at a young age and those who barely have the time to attend a formal institution.

On the other hand, however, online education hinders the process of socialization. Limited contact with peers and restricted interactions with teachers can confine one's horizons. The guidance that can be given through a direct, face-to-face conversation is often dwindled by the boundaries of the virtual world.

To add to this, internet penetration in India is very low. So it is not possible for people who really need this kind of education to actually benefit from it. This becomes the responsibility of the government then to ensure that the internet and consequently online education is made available to the remotest parts of the country.

Ultimately, just like there are two sides to a coin, online education has both advantages and disadvantages. It depends on an individual and his circumstances to decide whether the pros outweigh the cons or vice versa.

And that is probably why Heidi-Hayes Jacobs has said, "Teachers need to integrate technology seamlessly into the curriculum instead of viewing it as an add-on, an afterthought, or an event." The education scenario in India must take such suggestions in its stride to better its service and quality.

SSC-CGL (TIER-II) – ENGLISH LANGUAGE PRACTICE SET

Direction (1-20): Some of the sentences have errors and some are correct. Find out which part of a sentence has an error. If a sentence is free from errors, blacken the rectangle corresponding to the answer sheet.

1. There is no question (a)/ of my failing (b)/in the examination. (c)/No error (d)
2. As he was a destitute, (a)/I admitted him (b)/ to an old people's home. (c)/No error (d)
3. May I (a)/know who you want (b)/to see please. (c)/No error (d)
4. Last summer, he went (a)/to his uncle's village (b)/ and enjoyed very much.(c)/No error (d)
5. If I were him, (a)/I would have taught (b)/ those cheats a lesson. (c)/No error(d)
6. He could not plan his strategy (a)/ until he knew (b)/whom his opponents could be.(c)/No error (d)
7. Being a very (a)/hot day, I (b)/remained indoors.(c)/No error (d)
8. In spite of the doctor's stern warning, (a)/he continued taking (b)/sugar in his tea. (c)/ No error (d)
9. Mr. Sunil Pawar, our representative, (a)/he will attend the meeting (b)/ on our behalf. (c)/ No error (d).
10. It is not difficult to believe that a man (a)/who has lived in this city for a long time (b)/ he will never feel at home anywhere else in the world. (c)/ No error (d)
11. The party chief made it a point to state that (a)/the prime minister and the union home minister should also come (b)/ and see what his party men had seen. (c)/ No error (d)
12. Myself and Gopalan (a)/will take care of (b)/ the function on Sunday.(c)/ No error (d)
13. The widely publicised manifesto (a)/of the new party (b)/ is not much different than ours. (c)/ No error (d)
14. My brother (a)/has ordered (b)/for a new book. (c)/No error (d)
15. This watch (a)/is superior and (b)/more expensive than that. (c)/No error (d)
16. The doctor (a)/ attended to the patient (b)/ very quietly. (c)/No error (d)
17. It is the duty of every right thinking citizen (a)/to try and make the whole world (b) a happier place to live. (c)/No error (d)
18. I do understand (a)/why he is (b)/ so angry at me. (c)/No error(d)
19. The venue of the examination (a)/is one mile further up (b)/the hill. (c)/No error (d).
20. After opening the door (a)/we entered into the room (b)/next to the kitchen. (c)/No error (d)

Direction (21-23): Select the word or group of words that is most similar in meaning to the given word:

21. **aficionado**
 (a) novice (b) trickster

- (c) devotee (d) agent
22. **contiguous**
 (a) catching (b) divided
 (c) adjoining (d) circumstantial
23. **swindler**
 (a) charlatan (b) expert
 (c) divinity (d) debonair

Directions (24-26): Select the word or group of words that is furthest in meaning to the given word

24. **ANOMALY**
 (a) recurrence (b) aberration
 (c) recapitulation (d) consistency
25. **MELANCHOLY**
 (a) exuberant (b) composed
 (c) lugubrious (d) fetid
26. **ADROIT**
 (a) gauche (b) lumbering
 (c) amateurish (d) adept

Direction (27-51): Read the passages carefully and answer the questions.

Passage 1

The death of several people in Delhi linked to an outbreak of dengue, chikungunya and malaria has once again exposed the inadequacy of national public health programmes that aim to eliminate vector-borne diseases. There was a sharp increase in the incidence of chikungunya in the country in 2015 over the previous year, although official data do not attribute any deaths to the infection. Dengue cases have also **steadily** risen. The footprint for malaria has grown, with over 1.1 million cases last year, although the number of people dying from the infection has shown a recent decline, going by official statistics. It must, of course, be borne in mind that there is some evidence of under-reporting of malaria, leading to the criticism that the full impact of the disease is not captured by government data. Delhi's residents are, of course, not alone in suffering from the failures of long-running vector control programmes, although they are justified in feeling disgusted at the politicisation of the problem.

The irony is that India, with its focus on rapid economic growth and prosperity, is nowhere near victory in the battle against productivity-sapping infections spread by mosquitoes and other insects, while a **nimble** neighbour like Sri Lanka could declare itself malaria-free. There are several aspects to the Sri Lankan experience that could help evaluate the efforts of India's States in their battle to control disease-spreading vectors. Better results were achieved by the island nation through integration of different approaches. This includes focussing on mosquito control in irrigation and agriculture, introducing new classes of insecticides for residual spraying within houses, and

scaling up distribution of insecticide-treated bed nets even in areas caught up in conflict. Mobile centres for access to diagnostics and treatment also helped halt disease transmission. Last year, the city saw a staggering 15,867 dengue cases — the worst in 20 years — with the disease claiming 60 lives, as per municipal reports.

The Malaria Wing of Health Department of Chandigarh Administration has beefed up field activities for Prevention and Control of Dengue. For India to achieve its goal of eliminating malaria by 2030, and curb other vector-borne diseases, there has to be sustained effort and political will. The dengue map for 2015 shows that Delhi, Punjab, Haryana, West Bengal and Gujarat were the worst-affected. On chikungunya, Karnataka needs special help, as it has a disproportionately higher incidence compared to other States. Evidently, it will take active **surveillance** and close collaboration with local governments to eliminate the hotspots. Mobilising the community to participate in sanitation campaigns holds the key, although families that live in deprived neighbourhoods will need generous municipal assistance, improved civic facilities and access to free health care.

27. Why there is a criticism that the full impact of the disease is not captured by government data?

- People don't like Delhi government as the expectations was quit high during the General elections
- Government is trying to hide the exact data to avoid this awful situation and making people to take things in a positive way.
- There is some real evidence of under-reporting of malaria which created the situation of criticism towards State government
- It's been difficult to digest the decline death report which used to increase every year.

28. We conclude from the passage that

- Importance of life is no longer important
- Game of politics is on zenith
- With time Dengue is increasing its size.
- Instead of controlling the real time situation, Authorities are waiting for the conditions to get uncontrollable.

29. Which of the following statements are **NOT TRUE** according to the given passage?

- To achieve the goal of eliminating malaria, India have to take some crucial step and make some efforts politically.
- We shouldn't copy from other countries like Sri Lanka to control disease-spreading vectors because we are capable of controlling it on our own.
- There was a sharp increase in the incidence of chikungunya in the country in 2015 over the previous year, although official data do not attribute any deaths to the infection.

- only (1)
- only (2)
- only (3)
- None of the above

30. Delhi is the most effected state from dengue, According to

the passage, state which has the worst effect of chikungunya is?

- Delhi
- Punjab
- Karnataka
- Gujarat

31. What could be the suitable 'title' of the above passage?

- Dengue, Chikungunya and malaria "New hurdles for Delhi"
- Lack of awareness created a "catastrophic" situation
- Sapping India's vitality
- "Dengue" an uncontrollable disease

32. The tone of the passage is:

- Courageous
- Critical
- Nationalist
- Analytical

Choose the word which is most **similar** in meaning as used in the passage.

33. **Surveillance**

- unobservant
- espionage
- laxity
- disregard

34. **Nimble**

- agile
- gawky
- gauche
- inept

Choose the word which is most **opposite** in meaning as used in the passage.

35. **Steadily**

- perpetual
- undying
- immortal
- tremulous

Passage 2

It was about forty yards to the gallows. I watched the bare brown back of the prisoner marching in front of me. He walked clumsily with his bound arms, but quite steadily, with that bobbing gait of the Indian who never straightens his knees. And once, in spite of the men who gripped him by each shoulder, he stepped slightly aside to avoid a puddle on the path. It is curious, but till that moment I had never realized what it means to destroy a healthy, conscious man. When I saw the prisoner step aside to avoid the puddle, I saw the mystery, the unspeakable wrongness, of cutting a life short when it is in full tide. This man was not dying, he was alive just as we were alive. All the organs of his body were working — bowels digesting food, skin renewing itself, nails growing, tissues forming — all toiling away in solemn foolery. His eyes saw the yellow gravel and the grey walls, and his brain still remembered, foresaw, reasoned — reasoned even about puddles. He and we were a party of men walking together, seeing, hearing, feeling, understanding the same world; and in two minutes, with a sudden snap, one of us would be gone — one mind less, one world less.

We stood waiting, five yards away. The warders had formed in a rough circle round the gallows. And then, when the noose was fixed, the prisoner began crying out to his God. It was a high, **reiterated** cry of 'Ram! Ram! Ram!', not urgent and fearful like a prayer or a cry for help, but steady, rhythmical, almost like the tolling of a bell. The hangman, still standing on the gallows, produced a small cotton bag like a flour bag and drew it down over the prisoner's face. But the sound, muffled by the cloth,

still persisted, over and over again: 'Ram! Ram! Ram Ram! Ram!' The hangman climbed down and stood ready, holding the lever, The steady, muffled crying from the prisoner went on and on, 'Ram! Ram! Ram!' never faltering for an instant. The superintendent was slowly poking the ground with his stick; perhaps he was counting the cries, allowing the prisoner a fixed number fifty, perhaps, or a hundred. Everyone had changed colour. The Indians had gone grey like bad coffee, and one or two of the bayonets were wavering. We looked at the lashed, hooded man on the drop, and listened to his cries, each cry another second of life; the same thought was in all our minds: oh, kill him quickly, get it over, stop that abominable noise!

Suddenly the superintendent made up his mind. Throwing up his head he made a swift motion with his stick, 'Chalo!' he shouted almost fiercely. There was a clanking noise, and then dead silence. The prisoner had vanished, and the rope was twisting on itself. We went round the gallows to inspect the prisoner's body. He was dangling with his toes pointed straight downwards, very slowly revolving, as dead as a stone. The superintendent reached out with his stick and poked the bare body; it oscillated, slightly, 'He's all right,' said the superintendent. He backed out from under the gallows, and blew out a deep breath. The moody look had gone out of his face quite suddenly. He glanced at his wrist watch. 'Eight minutes past eight. Well, that's all for this morning, thank God.'

36. The primary purpose of the author is to
- make a case against capital punishment.
 - reinterpret an event on ethical lines.
 - propose an alternative to capital punishment.
 - illustrate the racist nature of colonialism.
37. The author suggests that the attitude of the police who supervised the hanging most closely resembles which of the following?
- They are doing their duty in a perfunctory manner.
 - Their bravado conceal a deep moral uneasiness.
 - They are intimidated by the religious fervour of the prisoner.
 - They treat the execution as an unpleasant but routine piece of business.
38. The author's mention of 'He's all right' is meant to
- show how human beings can become insensitive to the horror of taking life.
 - reveal how wrong it is to destroy a healthy human being.
 - demonstrate how the superintendent treats the execution as a nuisance.
 - redeem the superintendent who is doing his job, however unpleasant.
39. Which of the following statements are **NOT TRUE** according to the given passage?
- It is curious, but till that moment I had never realized what it means to destroy a healthy, conscious man
 - The superintendent reached out with his stick and poked the bare body; it oscillated, slightly, 'He's all right,' said the superintendent

- The hangman, still standing on the gallows, produced a small cotton bag like a flour bag and drew it down over the prisoner's face
 - only (1) and (3)
 - only (2) and (3)
 - All of the above
 - None of the above
- Word which is most similar in meaning to "reiterated" is.
 - embody
 - iterate
 - adorn
 - pictorial

Passage 3

It shouldn't surprise us that the poor choose their foods not mainly for their cheap prices and nutritional value, but for how good they taste. George Orwell, in his masterful description of the life of poor British workers in 'The Road to Wigan Pier', observes: The basis of their diet, therefore, is white bread and margarine, corned beef, sugared tea and potatoes — an appalling diet. Would it not be better if they spent more money on wholesome things like oranges and whole meal bread or if they even saved on fuel and ate their carrots raw? Yes, it would, but the point is that no ordinary human being is ever going to do such a thing. The ordinary human being would sooner starve than live on brown bread and raw carrots. And the peculiar evil is this, that the less money you have, the less inclined you feel to spend it on wholesome food. A millionaire may enjoy breakfasting off orange juice and Ryvita biscuits; an unemployed man doesn't. When you are unemployed, you don't want to eat dull wholesome food. You want something a little bit "tasty." There is always some cheaply pleasant thing to tempt you.

The poor often resist the wonderful plans we think up for them because they do not share our faith that those plans work, or work as well as we claim. We shouldn't forget, too, that other things may be more important in their lives than food. Poor people in the developing world spend large amounts on weddings, dowries, and christenings. Part of the reason is probably that they don't want to lose face, when the social custom is to spend a lot on those occasions. In South Africa, poor families often spend so lavishly on funerals that they skimp on food for months afterward. And don't underestimate the power of factors like boredom. Life can be quite dull in a village. There is no movie theater, no concert hall. And not a lot of work, either. In rural Morocco, Oucha Mbarbk and his two neighbors told us they had worked about 70 days in agriculture and about 30 days in construction that year. Otherwise, they took care of their cattle and waited for jobs to **materialize**. All three men lived in small houses without water or sanitation. They struggled to find enough money to give their children a good education. But they each had a television, a parabolic antenna, a DVD player, and a cell phone.

This is something that Orwell captured as well, when he described how poor families survived the Depression: Instead of raging against their destiny they made things tolerable by reducing their standards. But they don't necessarily lower their standards by cutting out luxuries and concentrating on necessities; more often it is the other way around—the more natural way, if you come to think of it. Hence the fact that in a

decade of unparalleled depression, the consumption of all cheap luxuries has increased. These “indulgences” are not the impulsive purchases of people who are not thinking hard about what they are doing. Oucha Marbk did not buy his TV on credit: he saved up over many months to scrape enough money together, just as the mother in India starts saving for her young daughter’s wedding by buying a small piece of jewelry here and a stainless steel bucket there.

41. . The primary purpose of the passage is to
- discuss why the poor don’t invest in what would really make their lives better.
 - summarize the findings on the consumption patterns of the poor.
 - review programs to alleviate poverty traps.
 - contrast dietetic theories on the poor.
42. As understood from the passage, which of the following is NOT an assumption about the poor?
- The poor desperately need food to survive.
 - The poor eat as much as they can given an income.
 - The money the poor spend on food is put into getting more nutrition.
 - The poor seek to satisfy their palate when they spend on food.
43. Which of the following is a point the author makes that is in agreement with Orwell’s view on how the poor cope with adversity?
- The poor skimp on the essentials and enjoy life instead.
 - The poor defy fate by splurging on non-affordable luxuries.
 - The poor focus on the bare necessities, ignoring frills.
 - The poor embrace their situation by giving importance to joys which are not of a materialistic nature.
44. . The passage implies which of the following as true of the British workers in “The Road to Wigan Pier”?
- They consumed less of wholesome food because it was cheap.
 - They did not realize the value of feeding themselves as they did not have the right information.
 - They were more concerned about enjoying their food than about healthy living.
 - They were ignorant of the health costs of unhygienic food.
45. Word which is most similar in meaning to “materialize” is .
- transpire
 - evanesce
 - perish
 - skedaddle

Passage 4

Sometimes the symptom, and not its underlying cause, seems like the real problem. If Jammu and Kashmir Chief Minister Mehbooba Mufti has anything to worry about, it is not the resignation of her party MP, Tariq Hameed Karra, but the issues he raised while announcing his decision to quit the Peoples Democratic Party and the Lok Sabha. Despite his call to like-minded people to “join” him, Mr. Karra is unlikely to get critical support within the party to threaten Ms. Mufti’s standing in the PDP. However, while drawing attention to the unrest in the Kashmir Valley, and the “civilian killings”, he has also pointed

to the **irreconcilable** differences between the PDP and its alliance partner, the Bharatiya Janata Party. Mr. Karra might have been politically opportunistic in the timing of his resignation, but there is no way the PDP can get away from having to define, to its political constituency, the nature of its relationship with the BJP. Ideologically, the PDP has more in common with the National Conference than with the BJP. But, after a fractured mandate in the 2014 Assembly election, it chose to ally with the BJP rather than explore the possibility of an alliance with the NC and the Congress. The NC was a rival, with the support bases of the two parties overlapping in many areas of the Valley. The BJP, however, had its base in Jammu and did not compete with the PDP. Short-term political calculations inevitably led to a PDP-BJP alliance.

To be sure, Ms. Mufti had **grappled** with the contradictions in the relationship with the BJP before she was sworn in as Chief Minister following the death of Mufti Mohammad Sayeed, her father. But the BJP, just as conscious as the PDP of the need to protect its own vote bank, did not give an inch while renegotiating the terms of engagement. Not surprisingly, she failed to wrest any major concessions from the BJP. Whatever the nature of Mr. Karra’s political ambitions, he has framed the dilemma for Ms. Mufti. Clearly, she cannot go into an election in alliance with the BJP. Both the PDP and the NC, at different points, have allied with the Congress. But the BJP, with its Hindutva plank, is a non-starter as an electoral ally for any party seeking to represent the Muslims of Kashmir. The coalition government of the PDP and the BJP is likely to fall before the Assembly election, but it is in the interest of both parties to remain together in power for the longest period possible. The break-up seems like an event foretold; what is uncertain is the nature of the trigger and the timing.

46. Both sides “BJP and PDP” come together to
- maintain the democracy in the valley.
 - to increase their vote bank
 - to defeat each other
 - None of the above
47. Which of the following statements are **NOT TRUE** according to the given passage?
- Whatever the nature of Ms. Mufti political ambitions, he has framed the dilemma for Mr. Karra’s. Clearly, she cannot go into an election in alliance with the BJP.
 - The NC was a rival, with the support bases of the two parties overlapping in many areas of the Valley
 - The coalition government of the PDP and the BJP is likely to fall before the Assembly election, but it is in the interest of both parties to remain together in power for the longest period possible.
- only (1)
 - only (2)
 - All of the above
 - None of the above
48. What could be the suitable ‘title’ of the above passage?
- BJP Vs PDP
 - Clash between to parties
 - A break-up foretold
 - None of the above

49. The tone of the passage is:
 (a) Courageous (b) Informative
 (c) nationalist (d) analytical
50. What is the meaning of the word "irreconcilable" used in the passage?
 (a) oppugnant (b) compatible
 (c) congruent (d) accordant
51. Choose the word which is most "grappled" in meaning as used in the passage.
 (a) tussle (b) brawl
 (c) emancipate (d) scuffle
- Direction (52-71):** The sentences are not in correct order. Rearrange them and write in your answer sheet.
52. (1) How man
 (P) will never be know (Q) learnt to use fire
 (R) no written records (S) since there are
 (6) which go back four lakh years
 (a) QPSR (b) PQSR
 (c) QSRP (d) SRPQ
53. (1) The photographers
 (P) annoyed because they (Q) were thoroughly
 (R) were not allowed (S) to take photos
 (6) of the blast at the ammunition dump.
 (a) SQPR (b) QPSR
 (c) QPRS (d) SRQP
54. (1) The continually increasing
 (P) is uncomfortable (Q) amount of noise
 (R) and what is more important
 (S) in our cities (6) it can
 (a) PQRS (b) QSPR
 (c) QPSR (d) SQRQ
55. (1) It is now generally accepted
 (P) robots will take over (Q) specially jobs
 (R) that in future (S) many of our tasks
 (6) of a repetitive nature.
 (a) RSPQ (b) SPQR
 (c) PSQP (d) RPSQ
56. (1) Vladimir putin won
 (P) in power as well as indicating a continuity
 (Q) in March, consolidating his position
 (R) in the presidential election
 (S) a resounding victory
 (6) in Russia's domestic and foreign politics.
 (a) QRQP (b) SQRQ
 (c) SRQP (d) RSQP
57. (1) One of the most widely spread of bad habits
 (P) which is now smoked or chewed by men
 (Q) and even by children (R) often by women
 (S) is the use of tobacco
 (6) almost all over the world.
 (a) SPRQ (b) PQRS
 (c) SRQP (d) PQSR
58. (1) The landscape
 (P) with Nature displaying (Q) here is awesome
 (R) that are seldom (S) a range of delights
 (6) seen together
 (a) PSRQ (b) QPSR
 (c) RSPQ (d) QRSP
59. (1) It is far better to live for a short while
 (P) contribution to the world
 (Q) and make some significant
 (R) that is just idled away
 (S) than spend a long life
 (6) in gossiping and playing
 (a) RQSP (b) SQPR
 (c) QPSR (d) RQPS
60. (1) The salmon fish pushed themselves
 (P) to return to their spawning grounds
 (Q) and fertilised them
 (R) but once they laid their eggs
 (S) to their limits (6) they died.
 (a) SQPR (b) RSQP
 (c) SPRQ (d) RPSQ
61. (1) There is a fashion nowadays
 (P) as an evil
 (Q) who is born with a silver spoon
 (R) to bewail poverty
 (S) and to pity the young man
 (6) in his mouth.
 (a) PSRQ (b) RPSQ
 (c) RSQP (d) SPRQ
62. (1) A long, long time ago
 (P) who lived with virtuous wife
 (Q) in a country called cinchinchoo
 (R) there ruled a noble king
 (S) and seven daughters
 (6) pretty, graceful and well-versed in fine arts
 (a) PSQR (b) QRPS
 (c) RPSQ (d) SQRQ
63. (1) When I reached my office
 (P) to get home early
 (Q) I Phoned my mother
 (R) that I wouldn't be able
 (S) to tell her
 (6) as I had promised.
 (a) PQRS (b) QSRP
 (c) RPQS (d) SQPR
64. (1) A four-year study
 (P) that babies feel more comfortable
 (Q) conducted by the Infant Testing Centre
 (R) around other babies
 (S) clearly suggests
 (6) than with strange adults.
 (a) PRSQ (b) QPRS
 (c) QSPR (d) SPRQ
65. (1) At the end of the assignment,
 (P) the field worker (Q) submitted his papers
 (R) for the work done by him

- (S) and also bills
(6) to the office superintendent.
(a) PQSR (b) QPRS
(c) QSRP (d) RSQP
66. (1) I have not come
(P) even if it means some humiliation
(Q) but the boy must learn
(R) to complain, he said,
(S) to be honest
(6) and admit he broke our window pane.
(a) PRQS (b) QSPR
(c) RQSP (d) SPRQ
67. (1) If you are serious about
(P) vocabulary-building not a hobby,
(Q) you will have to make
(R) but an absorbing interest
(S) increasing your vocabulary
(6) or even an obsession.
(a) PQSR (b) PRQS
(c) RQPS (d) SQPR
68. (1) On reaching the station
(P) he first looked around
(Q) and when he could find none
(R) he just lifted his luggage (S) for a coolie
(6) and walked down to the platform
(a) PSQR (b) QRPS
(c) RPSQ (d) SQRP
69. (1) If evil consisted
(P) men would be drawn to virtue
(Q) but, alas! How many know their duty
(R) merely in ignorance
(S) as soon as it is explained to them
(6) and yet do not do it.
(a) RPQS (b) RPSQ
(c) RSPQ (d) SPRQ
70. (1) I have never met
(P) a friendliness and hospitality
(Q) in your city (R) like that which
(S) I have met (6) Calcutta
(a) PQRS (b) PRSQ
(c) PSRQ (d) QPRS
71. (1) while walking slowly
(P) he was suddenly attacked
(Q) on a quiet summer afternoon
(R) by (S) in the park
(6) a wild dog from behind.
(a) SRQP (b) QSPR
(c) RSQP (d) SQPR
- Directions (72-73):** One word is mis-spelt. Find out the mis-spelt word.
72. (a) ballistic (b) sacriligious
(c) bulletin (d) bullock
73. (a) perpendicular (b) sepalcuhral
(c) exaggerate (d) flourish

Directions (74-83): In each of the following questions, out of the given alternatives, choose the one which best expresses the meaning of the idiom in bold in the sentence.

74. There was opposition to the new policy by the **rank and file** of the government.
(a) the majority (b) the ordinary members
(c) the cabinet members (d) the official machinery
75. The hero of Naipaul's novel, A House for Biswas, like modern young men, wishes to **paddle his own canoe**.
(a) lead an independent life
(b) depend on himself
(c) make the best of his life
(d) have his own means of livelihood
76. Dowry is a **burning question** of the day.
(a) a relevant problem (b) a dying issue
(c) an irrelevant problem (d) a widely debated issue
77. His voice **gets on my nerves**.
(a) makes me sad (b) irritates me
(c) makes me ill (d) pierces my eardrums
78. Our school is within a **stone's throw** of the railway station.
(a) a certain radius (b) a short distance
(c) a definite circumference (d) a kilometre
79. The sight of the accident **made my flesh creep**.
(a) worried me (b) frightened me
(c) confused me (d) drew my attention
80. Some people have a habit of **wearing their heart on their sleeve**.
(a) avoiding being friendly with others
(b) saying something which is not to be taken seriously
(c) exposing their innermost feelings to others
(d) wasting their time on unnecessary details
81. I just paid him a **left-handed compliment**.
(a) an honest compliment
(b) a well-deserved compliment
(c) an insincere compliment
(d) a flattering compliment
82. Kamal was left **high and dry** by his friends when he lost all his money.
(a) isolated (b) rejected
(c) wounded (d) depressed
83. A movement for the world unity is **in the offing**.
(a) at the end (b) about to start
(c) on decline (d) in the air

Directions (84-95): Out the four alternatives choose the one which can be substituted for the given words/sentence.

84. Simple fast-spreading plant without flowers or leaves, which can often cause disease
(a) Bacteria (b) Amoeba
(c) Virus (d) Fungus
85. One who is greedy
(a) Voracious (b) Avaricious
(c) Carnivorous (d) Omnivorous
86. An area of land that is controlled by a ruler
(a) Colony (b) Dominion

- (c) Country (d) Municipality
87. A place where Jews worship according to their religion
(a) Cathedral (b) Synagogue
(c) Chapel (d) Demagogue
88. A funeral song or tune
(a) Incantation (b) Epitaph
(c) Dirge (d) Chant
89. The study of religion and religious ideas and beliefs
(a) Biopsy (b) Theosophy
(c) Theology (d) Theism
90. Dissection of a dead body to find out the cause of death
(a) Biopsy (b) Investigation
(c) Surgery (d) Autopsy
91. A person without training or experience in a skill or subject
(a) Chaplin (b) Mason
(c) Artisan (d) Novice
92. One who stays away from school without permission
(a) Pedant (b) Supplicant
(c) Mendicant (d) Truant
93. The act of killing a whole group of people especially a whole race
(a) Patricide (b) Parricide
(c) Matricide (d) Genocide
94. An office with pay but little responsibility
(a) Sinecure (b) Presidency
(c) Factotum (d) Plutocracy
95. A group of small ships
(a) Archipelago (b) Fleet
(c) Flotilla (d) Tugs
- Directions (96-115):** A part of the sentence is underlined below are given alternatives to the underlined part at (A), (B), (C) which may improve the sentence choose the correct alternative and mark your answer in the answer sheet. In case no improvement is needed, our answer is (D).
96. They are social insects, living in communities, regulated by definite laws, each member of society bearing a well-defined and separate part in the work of a colony.
(a) living among a community
(b) Who are living in communities
(c) who lives with a community
(d) No improvement
97. He has been growing weaker and his life now hangs like a tread.
(a) hangs with threads (b) hangs by a thread
(c) hung on a thread (d) No improvement
98. To get one's name in the Rowland Ward's book of hunting records was the hot ambition of every serious hunter.
(a) burning (b) Extreme
(c) high (d) No improvement
99. She did not ask any question to him.
(a) any question from him (b) ask him any question
(c) to him any question (d) No improvement
100. On some evenings I leave office as late as seven O' clock.
(a) In some evenings (b) Some evenings
(c) On some of the evenings (d) No improvement
101. Hold **hands of your child** while crossing the road.
(a) your child's hands (b) your child's hand
(c) hand of your child (d) No improvement
102. There is a dearth of **woman doctor** in our state.
(a) Women doctor (b) Women doctors
(c) Woman doctors (d) No improvement
103. You will be late if you **do not leave** now.
(a) will not leave (b) did not leave
(c) left (d) No correction required
104. Every time I **go in a lift** to my sixth floor apartment, I remember the calm and serenity of my ancestral home in the village.
(a) move in a lift (b) take a lift
(c) ascend in a lift (d) No improvement
105. Rohit assured Sunita that he **would look at** her work while she was on leave.
(a) would overlook (b) would look after
(c) would look down upon (d) will look
106. It was hard to believe that he **was dead** for two years.
(a) is dead (b) has been dead
(c) had been dead (d) No improvement
107. The accused now flatly denies **have admitted** his guilt in his first statement.
(a) has admitted (b) having admitted
(c) had admitted (d) have been admitting
108. He asked me if I **can** help him to lift the box.
(a) may (b) would
(c) will (d) No improvement
109. **Have you not reached** in time, we would have lost our lives.
(a) Had you not reach (b) If you have not reached
(c) Had you not reached
(d) If you would not have reached
110. The rules of chess require that one **made** only one move at a time.
(a) makes (b) will make
(c) make (d) No improvements
111. Do take an umbrella with you **lest you do not get wet**.
(a) lest you might not get wet
(b) lest you should get wet
(c) lest you should get wet
(d) No improvement
112. Taxpayers **are to** be conscious of their privileges.
(a) need to (b) have to
(c) ought to (d) No improvement
113. You can't go that way, I'm afraid, as the road is **in repairs**.
(a) under repairs (b) under repair
(c) On repairs (d) No improvement
114. He is not **in the good books** of his master.
(a) in the good book (b) into the good books
(c) in the better books (d) No correction required.
115. I need not offer any explanation regarding this incident; my behaviour **is speaking itself**.
(a) speaks about itself (b) speaks for itself

(c) has been speaking (d) will speak to itself.

Directions (116-135): Sentences are given with blanks to be filled in with an appropriate word. Choose the correct alternative out of the four.

116. History records seventeen incursions of sultan Mahmood India.

- (a) against (b) into
(c) upon (d) on

117. There were not more than supporters of this proposal in the parliament.

- (a) a little (b) few
(c) a few (d) the few

118. If only he told us the truth in the first place, things wouldn't have gone wrong.

- (a) has (b) would have
(c) had (d) should have

119. work hard, you won't succeed.

- (a) Unless you don't (b) Unless you
(c) Unless you do not (d) Lest you

120. We will be late if we not leave now.

- (a) do (b) will
(c) shall (d) did

121. The young politician with his party and decided to contest the election as an independent candidate.

- (a) fell down (b) fell out
(c) fell through (d) fell in

122. They put his success to sheer hard work.

- (a) down (b) up
(c) upon (d) on

123. Baggage can be covered loss or accident during travel.

- (a) against (b) for
(c) along (d) with

124. I object waiting; you are always late for appointments.

- (a) to (b) to being kept
(c) to keep (d) to keeping

125. The high Court the death sentence of the prisoner.

- (a) set down (b) set upon
(c) set about (d) set aside

126. You're coming to the movie,?

- (a) can't you (b) aren't you
(c) won't you (d) isn't it

127. The sun at six this morning.

- (a) rose (b) raised
(c) arose (d) aroused

128. you do not work, you cannot succeed .

- (a) If (b) unless
(c) Till (d) until

129. I congratulate you your success.

- (a) in (b) at
(c) on (d) for

130. She smiled my words.

- (a) at (b) upon

(c) on (d) over

131. One is struck by the realization of being one with nature: a union of mind body.

- (a) for (b) in
(c) and (d) or

132. There being no evidence against him, he was acquitted the charge.

- (a) off (b) with
(c) of (d) from

133. Wood always on water.

- (a) float (b) was floating
(c) floats (d) floated

134. I suggest that the meeting postponed.

- (a) is (b) would be
(c) be (d) need be

135. Hardly had he arrived it started raining.

- (a) after (b) than
(c) when (d) before

Directions (136-160): A sentence has been given in Active voice/Passive Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice and mark your answer in the Answer-sheet.

136. His subordinates accused him of Various offences.

- (a) They accused him of various offences.
(b) It was accused by his subordinates that he had done various offences.
(c) His subordinates accused that he had done various offences.
(d) He was accused of various offences by his subordinates.

137. Has someone made all the necessary arrangements?

- (a) Has all the necessary arrangements been made by someone?
(b) Have the necessary arrangements been all made by someone?
(c) Have all the necessary arrangements been made by someone?
(d) All the necessary arrangements have been made by one?

138. We will know the outcome of these experiments after six months.

- (a) The outcome of these experiments will be known after six months.
(b) The outcome will be known of these experiments after six months.
(c) After six months, we will know the outcome of these experiments.
(d) These experiments will have a known outcome after six months.

139. It is time to take tea.

- (a) It was time that tea was taken.
(b) It is time for tea to be taken.
(c) It is time that tea should be taken.
(d) It is time that tea had been taken.

140. The members should adhere to all the decisions.

- (a) All the decisions should adhere to by the members

- (b) All the decision adhered to the members.
 (c) All the decisions should be adhered to by the members.
 (d) All should adhere to the decisions of the members.
- 141.** Don't speak until someone speaks to you.
 (a) Don't speak until you are spoken to.
 (b) Don't speak until someone is spoken to.
 (c) Don't speak until you have been spoken to.
 (d) Don't speak until someone has been spoken to.
- 142.** Did the noise frighten you?
 (a) Did you frighten the noise?
 (b) Was the noise frightened by you?
 (c) were you frightened by the noise?
 (d) Were you frighten by the noise?
- 143.** We are reaching the end of this exercise.
 (a) This exercise is ended by us.
 (b) The end of this exercise is being reached by us.
 (c) This is our end to the exercise
 (d) The exercise has reached its end by us.
- 144.** I expect you to complete this work before sunset.
 (a) I expect you to be complete this work before sunset.
 (b) I am expected to complete this work before sunset.
 (c) You are expected to be complete this work before sunset.
 (d) You are expected to be completed this work before sunset.
- 145.** The storm did much damage.
 (a) Much damage was done by the storm.
 (b) The storm damaged much
 (c) Much damage did the storm.
 (d) The storm was damaged
- 146.** This shirt cannot be worn by me any longer.
 (a) I cannot wear this shirt any longer.
 (b) Wearing of this shirt any longer is not possible.
 (c) This shirt is too worn out to be worn any longer.
 (d) This worn out shirt cannot be worn any longer.
- 147.** A lion does not eat grass, however hungry he may be.
 (a) Grass is not eaten by a lion, however hungry he may be.
 (b) Grass is not being eaten by a lion, however hungry he may be.
 (c) Grass is eaten not by a lion, however hungry he may be
 (d) Grass is being not eaten by a lion, however hungry he may be.
- 148.** Someone saw him picking up a gun.
 (a) He was seen pick up a gun by someone.
 (b) He was seen picking up a gun by someone.
 (c) He was seen when he was picking up a gun.
 (d) He was seen by someone pick a gun.
- 149.** He was obliged to resign.
 (a) He was made to resign.
 (b) To resign was his obligation.
 (c) Circumstances obliged him to resign.
 (d) Resignation obliged him.
- 150.** Why did you not agree to my proposal?
 (a) Why was my, proposal not agreed to?
 (b) Why was my proposal not agreed by you?
 (c) Why my proposal was not agreed to by you?
 (d) Why was my proposal not agreed to by you?
- 151.** Mona was writing a letter to her father.
 (a) A letter was written to her father by Mona.
 (b) A letter has been written to her father by Mona.
 (c) A letter was being written by Mona to her father.
 (d) A letter was written by Mona to her father.
- 152.** Have the box broken.
 (a) Have the broken box.
 (b) Break the box.
 (c) Get someone to break the box.
 (d) They have broken the box.
- 153.** Do you imitate others?
 (a) Are others imitated by you?
 (b) Are other being imitated by you?
 (c) Were others being imitated by you?
 (d) Have others been imitated by you?
- 154.** His pocket has been picked.
 (a) They have his pocket picked.
 (b) Picking has been done to his pocket.
 (c) Picked has been his pocket.
 (d) Someone has picked his pocket.
- 155.** You must look into this matter.
 (a) This matter has been looked into by you.
 (b) This matter may be looked into by you.
 (c) The matter should be looked into by you.
 (d) This matter into looked by you.
- 156.** We will not allow them to run away.
 (a) They will not be allowed to run away by us
 (b) They would not be allowed to run away.
 (c) They are not allowed to run away.
 (d) They were not allowed to run away.
- 157.** Everyone must read this book.
 (a) The book should be read by everyone
 (b) This book has to be read by everyone.
 (c) This book is to be read by everyone
 (a) This book must be read by everyone.
- 158.** He knew that his own life was unjust.
 (a) It was known to him that his own life had been unjust.
 (b) It was known by him that his own life was unjust.
 (c) It was known to him that his own life was unjust
 (d) It was known by him that life was unjust.
- 159.** The student has learnt the answer by heart.
 (a) The answer was learnt by the student by heart.
 (b) The answer is learnt by heart by the student.
 (c) The answer by the student was learnt by heart.
 (d) The answer has been learnt by heart by the student.
- 160.** The old lady touched and patted the cow.
 (a) The cow patted and touched the old lady.
 (b) The cow was touched by the old lady patting her.
 (c) The cow was patted and touched by the old lady.
 (d) The patted cow touched the old lady.

Directions (161-180) : In each of the following questions, a

sentence has been given in Direct/Indirect Speech. Out of the four alternatives suggested select the one which best expresses the same sentence in Indirect Direct Speech.

161. The teacher said to Mahesh, "Congratulations! Wish you success in life."

- (a) The teacher congratulated Mahesh and said with you success in life
- (b) The teacher wished congratulations and success in life to Mahesh
- (c) The teacher said congratulations to Mahesh and wished him success in life
- (d) The teacher congratulated Mahesh and wished him success in life

162. John said to James, "Have you come here just to see me or are there some other reason?"

- (a) John asked James if he had come there just to see him or there were some other reasons.
- (b) John asked James if he had come there just to see him or there are some other reasons.
- (c) John asked James if he had come there just see him or there were some other reasons.
- (d) John asked James that he had come there just to see him or there were some other reasons.

163. Abdul said, "What a lovely morning for tennis?"

- (a) Abdul exclaimed that it was a lovely morning for tennis
- (b) Abdul exclaimed that it is a lovely morning for tennis.
- (c) Abdul exclaimed that was a lovely morning by tennis.
- (d) Abdul exclaimed that was a lovely morning with tennis.

164. The teacher said to the boy, "Since it is so warm let us go for swimming."

- (a) The teacher suggested the boys that they should go swimming since it was so warm.
- (b) The teacher suggested to the boys that they should go for swimming since it was so warm.
- (c) The teacher suggested with the boys that they should go swimming since it was so warm.
- (d) The teacher suggested the boys that they would go swimming since it was so warm.

165. They said, "Mother, we are not hungry; we shall eat later."

- (a) They told their mother that they were not hungry, they would eat later.
- (b) They told their mother if they were not hungry, they would eat later.
- (c) They told their mother that they were hungry, they would eat later.
- (d) They told their mother that they would ate later.

166. He said angrily to his brother, "Why don't you do as you are told."

- (a) He angrily asked his brother why he did not do as he had been told.
- (b) He angrily asked his brother why did not he do as he is told.
- (c) He angrily asked his brother why he did not do as he was told.
- (d) He angrily asked his brother why did not he do as he was

told.

167. I said to the visitor, "Don't sit on that chair, it is broken."

- (a) I cautioned the visitor against sitting on that chair, as it was broken.
- (b) I cautioned the visitor against sitting on that chair, it is broken.
- (c) I cautioned the visitor against sitting that chair, as it was broken.
- (d) I cautioned the visitor against sitting on that chair, as it was being broken.

168. My little brother said, "I wish it rains hard, so I don't have to go to school."

- (a) My little brother earnestly wished that it should rain so hard that he would not have go to school
- (b) My little brother earnestly wished that it should rain so hard that he would not have to go to school.
- (c) MY little brother earnestly wished that it will rain so hard that he would not have to go to school.
- (d) My little brother earnestly wished that it could rain so hard that he would not have to went school.

169. "How steep the path is !" they said, "We are quite tired."

- (a) They exclaimed that the path was very steep and they are quite tired.
- (b) They exclaimed that the path is very steep and they were quite tired.
- (c) They exclaimed that the path was very steep and they were quite tired.
- (d) They exclaimed that the path had been very steep and they were quite tired.

170. "Neither a borrower, nor a lender be," said the father to son.

- (a) The father advised his son neither to be a borrower, nor to be a lender.
- (b) The father advised his son neither to be a borrower, nor to a lender.
- (c) The father advised his son neither be a borrower, nor to be a lender.
- (d) The father advised his son neither be a borrower, nor a lender.

171. The tailor said to him, "Will you have the suit ready by tomorrow evening?"

- (a) The tailor asked him that he would had the suit ready by the next evening
- (b) The tailor asked him that he will have the suit ready by the next evening
- (c) The tailor asked him if he would have the suit ready by the next evening
- (d) The tailor asked him if he will like to have the suit ready by the next evening

172. Farhan asked Geeta, "Could you lend me a hundred rupees until tomorrow?"

- (a) Farhan asked Geeta whether she could lend me a hundred rupees until the next day
- (b) Farhan asked Geeta whether she could lend him a hundred

- rupees until tomorrow
- (c) Farhan asked Geeta whether she could lend him a hundred rupees until the next day
- (d) Farhan asked whether Geeta could lend me a hundred rupees until the next day
- 173.** Kiran asked me, "Did you see the cricket match on television last night."
- (a) Kiran asked me whether I had seen the cricket match on television the earlier night
- (b) Kiran asked me did I see the cricket match on television last night
- (c) Kiran asked me whether I saw the cricket match on television the earlier night
- (d) Kiran asked me whether I had seen the cricket match on television last night
- 174.** "What about going for a swim," he said, "It's quite fine now."
- (a) He asked me what about going for a swim as it was quite fine then
- (b) He proposed going for a swim as it was quite fine
- (c) He advised to me go for a swim as it was quite fine
- (d) He suggested going for a swim as it was quite fine
- 175.** I said to him, "Why are you working so hard?"
- (a) I asked him why was he working so hard
- (b) I asked him why he was working so hard
- (c) I asked him why he had been working so hard
- (d) I asked him why had he been working so hard
- 176.** He said to me, "I have often told you not to play with fire."
- (a) He told me that he had often told me not to play with fire
- (b) He remained me that he had often told me not to play with fire
- (c) He said to me that he often told me not to play with fire
- (d) He said that he has often been telling me not to play with fire
- 177.** "Where will you be tomorrow," I said, "in case I have to ring you?"
- (a) I said to him where he will be in case I have to ring him
- (b) I asked where he would be the next day in case I had to ring him
- (c) I asked where you will be the next day in case I will ring him
- (d) I enquired about his where abouts the next day in case I would have to ring up
- 178.** He said, "Be quiet and listen to my words."
- (a) He urged them to be quiet and listen to his words
- (b) He urged them and said be quiet and listen to words
- (c) He said you should be quiet and listen to my words
- (d) He said they should be quiet and listen to his words
- 179.** Seeta said to me, "Can you give me your pen?"
- (a) Seeta asked me if I gave her my pen
- (b) Seeta asked me if I could give her my pen
- (c) Seeta asked me if I can give me your pen
- (d) Seeta asked me can I give her my pen
- 180.** The father warned his son that he should be beware of him.
- (a) The father warned his son, "Watch that chap!"

- (b) The father warned his son, "Be careful about him."
- (c) The father warned his son, "Don't fall into the trap."
- (d) The father warned his son, "Beware of him!"

Directions (181-200): Some of the words have been left out. First read the passage over and try to understand what it is about. Then fill in the blanks with the help of the alternatives given. Mark you answer in the Answer-Sheet.

Passage – 1

Some people believe that marriages are made in heaven. One cannot say ... (181)... this is true or not. However, in America now many ... (182)... who get married seek to evolve a foolproof ... (183)... to ensure that the marriage survives. However, the idea of married persons ... (184)... the burden of domestic chores, instead of all the dirty work being dumped on the woman, has ... (185)... been propagated by the feminist ... (186)... and it has gradually, if grudgingly, been ... (187)... This arrangement may work on a temporary basis but taking ... (188)... of a particular domestic work on a permanent basis will pose problems of its own. For instance, taking out the rubbish may ... (189)... make a refreshing change from washing baby's nappies. However, a contract is a contract and must be ... (190)... You may not like it but this is what life is coming out to be in the most modern of the countries in the world.

- 181.** (a) whether (b) still
(c) however (d) that
- 182.** (a) pairs (b) men
(c) couples (d) women
- 183.** (a) method (b) project
(c) plan (d) system
- 184.** (a) executing (b) dividing
(c) undertaking (d) sharing
- 185.** (a) long (b) sometimes
(c) always (d) occasionally
- 186.** (a) group (b) lobby
(c) section (d) faction
- 187.** (a) affirmed (b) approved
(c) accepted (d) favoured
- 188.** (a) control (b) care
(c) charge (d) duty
- 189.** (a) occasionally (b) often
(c) intermittently (d) rarely
- 190.** (a) respected (b) executed
(c) maintained (d) obeyed

Passage – 2

The cities are ... (191)... up and urban unemployment steadily grows. Very probably, there is an equal measure of ... (192)... in the countryside. The poorest quarter of the population in developing lands ... (193)... being left almost entirely behind in the vast ... (194)... of the modern technological society. The 'marginal men', the ... (195)... strugglers for survival on the ... (196)... of farm and city, may ... (197)... more than two billion. Can we ... (198)... any human order surviving with so ... (199)... a mass of ... (200)... piling up at its base?

- 191.** (a) filling (b) piling

- (c) growing
192. (a) diversity
 (c) shortage
193. (a) risks
 (c) believes
194. (a) result
 (c) surface
195. (a) brave
 (c) aged
196. (a) surface
 (c) fringes
197. (a) mount
 (c) project
198. (a) argue
 (c) suspect
199. (a) far
 (c) little
200. (a) misery
 (c) generation
- (d) enlarging
 (b) imbalance
 (d) worklessness
 (b) suffers
 (d) condemns
 (b) struggle
 (d) transformation
 (b) honest
 (d) wretched
 (b) ground
 (d) environment
 (b) extent
 (d) number
 (b) hope
 (d) imagine
 (b) long
 (d) gross
 (b) humility
 (d) population

Solutions:

- (d); No error.
- (b); The part should read 'I got him admitted'.
- (b); 'Whom', which is in the objective case. Should replace 'who' which is in the subjective case. 'Whom' is the object of the verb here (want to see 'whom'?).
- (c); The verb 'enjoyed' needs an object. Here we need to put 'Himself' after the verb 'enjoyed'.
- (a); The first part of the sentence is incorrect; it should be 'If I had been him' as we are referring to a past action — one that has been completed.
- (c); 'Who' is correct and not 'whom'. Who' refers to the subject (the persons who were the opponents).
- (a); 'Being' should be replaced by 'As it was'. When we use a participial phrase, the noun which it governs must be placed next to it. 'Being a hot day' seems to lack a noun to modify, as it cannot refer to 'I'. It is a case of a dangling modifier. So the sentence construction is wrong. We can also write (a) as it being a very hot day'.
- (d); No error.
- (b); The 'he' in the second part of the sentence is not needed as the subject—Mr. Sunil Pawar is already mentioned.
- (c); 'He' in the third part of the sentence should be deleted. 'A man' is the subject, so there is no need to add 'he' later.
- (d); No error
- (a); 'Gopalan and I' and not 'myself and Gopalan'. The pronoun is part of the compound subject and therefore should be in the subjective case — 'I' and not 'myself'.
- (c); A thing is different 'from' another and not different 'than' another.

- (c); One 'orders a new book', not orders 'for' it.
- (b); When two adjectives are used and they take different prepositions, both the prepositions must be used. So with 'superior', there has to be a 'to'—'superior to' and more 'expensive than'.
- (d); No error.
- (c); The preposition 'in' has to be placed at the end. 'Live' cannot stand alone as the last word; the sentence should end with 'live in' ('live in' or 'reside' in' a happier place, not 'live' a happier place).
- (c); 'Angry with' is the correct usage. 'Angry at' will apply if the anger is at some situation, such as a delay or dereliction of duty.
- (b); It should be 'farther' (comparative of 'far' meaning 'to or at a greater distance') and not 'further' (meaning 'at a greater distance'; 'in addition' here. This is because the notion of distance is more prominent in the given sentence.)
- (b); One enters 'another' room; not 'into another' room. 'Enter' itself means 'go in' or 'come in'; so 'into' is not necessary here.

Meaning of words

- (c) **Aficionado** is a fan, or a **devotee**
- (c) **Contiguous** means touching along a boundary or point; **adjoining** means joining at a point or line
- (a) **Swindler** is a person who takes money or property through fraud or deceit; a **charlatan** is a person who pretends to have knowledge or ability, or a fraud
- (d) **Anomaly**- something that deviates from what is standard, normal, or expected. **Consistency**- consistent behaviour or treatment.
- (a) **Melancholy**- a feeling of pensive sadness, typically with no obvious cause. **Exuberant**-full of energy, excitement, and cheerfulness.
- (c) **Adroit**- clever or skillful. **Amateurish**- done in an unskillful or inept way.
- (b) **Sacrilegious**- involving or committing sacrilege.
- (b) **Sepulchral**- relating to a tomb or interment.
- (b)
- (b) 'Paddle one's own canoe' means 'depend on oneself alone'. Though options (a) and (d) are close to this meaning, only (b) expresses it correctly.
- (d)
- (b)
- (b)
- (b)
- (c)
- (c)
- (a) 'High and dry' means 'stranded'. 'Isolated', rather than

- 'rejected or 'depressed', is near enough in meaning to this word.
83. (b) 'In the offing' means 'not far away' or 'likely to appear'. Option (b) is more suitable than 'in the air' which means 'spreading about' (of feelings, opinions) or 'uncertain' (of projects).
84. (d)
85. (b)
86. (b) Dominion is the territory subject to the control of a single ruler or government. In contrast, municipality is a city, town or village possessing corporate existence and with its own local government. A colony is the territory separated from but subject to a ruling power.
87. (b)
88. (c)
89. (c) 'Theo' means 'god'. Theosophy is a form of religious or philosophical thought based on a mystical insight into the divine nature. Theocracy is a form of government in which God or a deity is recognized as the supreme ruler.
90. (d) Surgery is cutting open a live body for operation. Biopsy is removal of a piece of tissue as a specimen from a living body for diagnostic evaluation.
91. (d)
92. (d)
93. (d)
96. (d); No improvement.
97. (b); The idiomatic expression is 'hang by a thread' which means 'precariously placed'.
98. (a); 'Burning' means 'intense', 'passionate', 'urgent'. 'Hot' is a slang used in this context.
99. (b); 'Him' (like 'me', 'her', 'us' and 'them') can be the direct object of a verb as in 'She likes him' or indirect object, as in 'Sita gave him a toy.' In the given sentence, 'him' is indirect object of the verb 'ask'.
100. (d)
101. (b)
102. (c)
103. (d)
104. (b); Idiomatically, 'take a lift' is correct.
105. (b); 'Look after' means 'take care of' or 'attend to' 'overlook' means 'view carefully' or 'superintend' or 'fail to take into account'. 'Look down on' is 'to despise'.
106. (c); He has been dead for two years-he is still dead. 'Was dead' would imply he was dead but is not so now.
107. (b); The present form of the gerund (working, writing, admitting) is more usual, e.g., she has second thoughts about writing a book. However, if we are referring to a past action. The perfect gerund is used. Example, She was tired after having worked for five hours. After 'deny', the perfect gerund is fairly usual: The boy denies having teased the cat.
108. (b); 'Would' is used as the past form of 'will' in indirect speech. 'May' will be a wrong option here as it denotes permission: '... I may help him to lift the box' is not correct.
109. (c); Some event in the past is referred to; so 'had you' and not 'have you'.
110. (a); With 'one', it should be 'makes' with a plural subject, it would be 'make'. As it is require (present tense) that', we should have the present form of verb 'make' only.
111. (a); 'Lest' should be accompanied by 'should'. It does not take 'not'.
112. (a); With 'privileges', 'need to' is correct usage.
113. (b); 'Repair' (n.), means 'restoration after deterioration'. 'Under repair' means 'under restoration work'.
114. (d); No correction. 'To be in someone's good books' is an idiomatic expression indicating that one is in another's favour.
115. (b); 'Speaks for itself' means 'speaks in favour or on behalf of itself'.
116. (b); 'Incursion' means 'hostile inroad' or 'sudden attack' and is always followed by the preposition 'into'.
117. (c); 'A few' means 'not many'; it emphasises on smallness of the number, as in the given sentence. But 'few' means 'hardly any' or 'practically none'. 'The few' means 'a small number' or 'at least some'.
118. (c); Things have already gone wrong; but they wouldn't have if he 'had' told us the truth before things went wrong. So a past perfect tense ('had told') has to be used.
119. (b); 'Unless' means 'but not if'. So, the use of a negative with 'unless', as in (a) and (c), is incorrect.
120. (a)
121. (b); 'Fell out' is 'quarrelled'; 'fell in' means 'caved in' or 'collapsed'; and 'fell through' means 'failed' or 'came to nothing'.
122. (a); Refer to Learning curve I, Essential Vocabulary Review, idiomatic Expressions, List I (see under put).
123. (a)
124. (b)
125. (d); 'Set aside' means 'to put away' or 'reject'. 'Set about' is 'to begin' or 'take in hand'; 'set down' means 'to lay on the ground' or 'put in writing'; and 'set upon' is 'determined on'.
126. (b); 'You're coming' gives the linking verb that is to be used in the question tag-'aren't you'.
127. (a); 'Rose' is the past tense of rise, meaning 'to come up to the surface' or 'stand up'. 'Raised' is the past tense and past participle of 'raise', meaning 'elevate' or 'stir up'. 'Arose (past tense of 'arise') means 'to rise up' or 'come into being', 'Aroused' means 'something entirely different'; it means to 'stimulate' or 'rouse'.

128. (a); 'Unless' + affirmative verb = 'If' + negative.
 129. (c)
 130. (a)
 131. (c)
 132. (c); One is always acquitted 'of' something-a charge, a crime, etc.
 133. (c); When we talk of general truths, facts, observations, etc., a simple present tense is used.
 Example – children like chocolates.
 134. (c)
 135. (c); 'Hardly' is always accompanied by 'when'. When referring to past actions, it is followed by 'had'.

ANSWER KEY									
Qns.	Ans.	Qns.	Ans.	Qns.	Ans.	Qns.	Ans.	Qns.	Ans.
1.	d	41.	a	81.	c	121.	b	161.	d
2.	b	42.	c	82.	a	122.	a	162.	a
3.	b	43.	a	83.	b	123.	a	163.	a
4.	c	44.	c	84.	d	124.	b	164.	b
5.	a	45.	a	85.	b	125.	d	165.	a
6.	c	46.	b	86.	b	126.	b	166.	b
7.	a	47.	a	87.	b	127.	a	167.	a
8.	d	48.	c	88.	c	128.	a	168.	b
9.	b	49.	d	89.	c	129.	c	169.	c
10.	c	50.	a	90.	d	130.	a	170.	a
11.	d	51.	c	91.	d	131.	c	171.	c
12.	a	52.	a	92.	d	132.	c	172.	c
13.	c	53.	c	93.	d	133.	c	173.	a
14.	c	54.	b	94.	a	134.	c	174.	a
15.	b	55.	d	95.	c	135.	c	175.	b
16.	d	56.	c	96.	d	136.	d	176.	a
17.	c	57.	a	97.	b	137.	c	177.	b
18.	c	58.	b	98.	a	138.	a	178.	a
19.	b	59.	c	99.	b	139.	b	179.	b
20.	b	60.	c	100.	d	140.	c	180.	d
21.	c	61.	b	101.	b	141.	a	181.	a
22.	c	62.	b	102.	c	142.	c	182.	c
23.	a	63.	b	103.	d	143.	b	183.	a
24.	d	64.	c	104.	b	144.	c	184.	d
25.	a	65.	a	105.	b	145.	a	185.	a
26.	c	66.	c	106.	c	146.	a	186.	b
27.	d	67.	d	107.	b	147.	a	187.	c
28.	c	68.	a	108.	b	148.	b	188.	b
29.	b	69.	b	109.	c	149.	b	189.	a
30.	c	70.	b	110.	a	150.	d	190.	a
31.	c	71.	d	111.	c	151.	c	191.	b
32.	b	72.	b	112.	a	152.	b	192.	d
33.	b	73.	b	113.	b	153.	a	193.	a
34.	a	74.	b	114.	d	154.	d	194.	d
35.	d	75.	b	115.	b	155.	c	195.	d
36.	a	76.	d	116.	b	156.	a	196.	c
37.	d	77.	b	117.	c	157.	d	197.	d
38.	a	78.	b	118.	c	158.	c	198.	d
39.	d	79.	b	119.	b	159.	d	199.	d
40.	b	80.	c	120.	a	160.	c	200.	d

- (a) Monday (b) Tuesday (c) Wednesday
(d) Friday (e) Saturday
19. If Javed bhai is the person who purchased the shoe sold on Wednesday, then the shoe purchased by him is
(a) A (b) B (c) C
(d) D (e) E
20. Which of the given statements is/are redundant to answer the above questions?
(a) Only (v) (b) Both (iii) and (v)
(c) Both (i) and (iv) (d) Only (iv) (e) None

Direction (21-25): Study the following information to answer the given questions.

In a certain code language,

'meena teena Reena surbhi' is written as 'ga mo ti su'

'nancy garden meena dream golu', is written as 'ki zo mo ye na'

'surbhi garden bikki aniket' is written as 'zo ra ti da'

'bikki neeraj teena dream' is written as 'da ga nic ki'.

21. What is the code for 'golu'?
(a) ye (b) na (c) zo
(d) Either na or zo (e) Either ye or na
22. What does 'su' stand for?
(a) surbhi (b) meena (c) teena
(d) Reena (e) None of these
23. What is the code for 'aniket meena neeraj'?
(a) nic ye ti (b) mo ra nic (c) ra ga mo
(d) da ra nic (e) None of these
24. Which of the following does 'ki ti na' stand for?
(a) dream teena meena (b) nancy meena dream
(c) surbhi dream nancy (d) surbhi dream golu
(e) Either (c) or (d)
25. Which of the following may represent 'record rate teena meena'?
(a) ga zo ti da (b) ga ba mo nee (c) ga ba nic ki
(d) mo ba ti ra (e) None of these

Direction (26-30): Study the following information carefully and answer the given questions.

Ten persons are sitting in two parallel rows containing 5 persons each in such a way that there is an equal distance between adjacent persons. In the 1st row P, Q, R, S and T are sitting and all of them are facing south. In the 2nd row J, K, L, M and N are sitting and all of them are facing north but not necessarily in the same order. In the given seating arrangement each member sitting in a row faces another member of the other row.

The one who is an immediate neighbour of S is facing M. Q does not sit at the extreme ends of the row. L and N are immediate neighbours. Only one person sits between T and R. N sits second to the left of M. J sits at the immediate left of N. K sits at extreme end of the row. R faces immediate neighbour of J. S sits at extreme left end of the row.

26. Who among the following sits between R and T?
(a) S (b) Q (c) P
(d) J (e) None of these
27. Who among the following faces R?
(a) K (b) L (c) S
(d) N (e) None of these
28. Who among the following sits second to the right of the person who faces K?
(a) Q (b) T (c) M
(d) L (e) None of these
29. How many persons sit between P and S?
(a) One (b) Two (c) Three
(d) Can't be determined (e) None of these
30. Four of the following five are alike in a certain way based on the given seating arrangement and hence form a group. Which is the one that does not belong to that group?
(a) R, N (b) Q, L (c) M, T
(d) K, S (e) None of these

Direction (31-35): In these questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions. Give answer

- (a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or conclusion II follows
(d) If neither conclusion I nor conclusion II follows
(e) If both conclusions I and II follow
31. **Statements:** $A > L = T < R \leq H > K$
Conclusions: I. $H > L$ II. $K > T$
32. **Statements:** $P \geq N > D \geq G < B \leq J$
Conclusions: I. $G < P$ II. $G < J$
33. **Statement:** $Q \leq E < I > N = R \geq S$
Conclusions: I. $E \geq S$ II. $S \leq N$
34. **Statement:** $R = S \geq Y \geq M < W > O$
Conclusions: I. $Y < M$ II. $O > S$
35. **Statement:** $F \leq C \leq V = Z < X = U$
Conclusion: I. $V < U$ II. $Z < F$

QUANTITATIVE APTITUDE

Directions (36-40): What should come in place of question mark (?) in the following question?

36. $\{\sqrt{2} \times (79)\}^2 + \{\sqrt{2} \times (49)\}^2 = ?$
(a) 15484 (b) 16384 (c) 17284
(d) 18184 (e) 19484
37. $(343)^{\frac{2}{3}} \div (512)^{\frac{-2}{3}} = 56 \times ?$
(a) 49 (b) 56 (c) 64

- (d) 66 (e) 72
38. $\frac{7}{8}$ of $616 \times 12 \div 16 + ? = 17 \times 19 + 81 + \frac{4}{3} \times ?$
(a) $\frac{3}{5}$ (b) $\frac{2}{5}$ (c) $\frac{4}{5}$
(d) $\frac{3}{4}$ (e) $\frac{4}{3}$
39. $16\% \text{ of } 1400 + 115\% \text{ of } 1210 = ?$
(a) 1270 (b) 1350.5 (c) 1490
(d) 1530.4 (e) 1615.5

40. $\sqrt{1225} \times 16 + \sqrt{4761} = ?$
 (a) 610 (b) 620 (c) 629
 (d) 640 (e) 650
41. The ratio of the radii of two right circular cylinders (A and B) is 2 : 5. The ratio of the heights of cylinders A to B is 3 : 1. What is the ratio of the volumes of cylinders A to B ?
 (a) 12 : 25 (b) 9 : 25 (c) 9 : 20
 (d) 3 : 5 (e) 12 : 35
42. Raja gives 30% of his salary to his mother, 40% of the remaining salary he invests in an insurance scheme and PPF in the ratio of 4 : 3 and the remaining he keeps in his bank account. If the difference between the amount he gives to his mother and that he invests in insurance scheme is Rs. 8400, how much is Raja's salary ?
 (a) Rs. 60,000 (b) Rs. 62,000 (c) Rs. 64,000
 (d) Rs. 65,000 (e) Rs. 54,000
43. C is 40% less efficient than A. A and B together can finish a piece of work in 10 days. B and C together can do it in 15 days. In how many days can A alone finish the same piece of work ?
 (a) 18 (b) 12 (c) 14
 (d) 20 (e) 15

Directions (44-48): What approximate value will come in place of question mark (?) in the given questions ? (You are not expected to calculate the exact value.)

- Q44. $619.002 - 134.99 \div 14.998 - (9.01)^2 = ?$
 (a) 720 (b) 530 (c) 650
 (d) 690 (e) 490
45. $439.97 \div 15.02 + 208.08 \div 8.01 - 16.01 = ?$
 (a) 120 (b) 60 (c) 100
 (d) 80 (e) 40
46. $4^7 \times \sqrt{226} = 245.998 \div 8.001 + 929.99$
 (a) 4 (b) 5 (c) 2
 (d) 3 (e) 1
47. ? % of $(140.06 \times 7.99 - 679.92) = 330.01$
 (a) 75 (b) 90 (c) 80
 (d) 50 (e) 60
48. $40\% \text{ of } 859 + 86.01 \div 7.99 = ?$
 (a) 398 (b) 286 (c) 412
 (d) 215 (e) 355
49. In a bag there are 7 red balls and 5 green balls. Three balls are picked at random. What is the probability that two balls are red and one ball is green in colour ?
 (a) $\frac{29}{44}$ (b) $\frac{21}{44}$ (c) $\frac{27}{44}$
 (d) $\frac{23}{44}$ (e) $\frac{19}{44}$
50. Shyama invested Rs. P for 2 years in scheme A, which offered 11% pa simple interest. She also invested Rs. 600 + P in scheme B, which offered 20% compound interest (compounded annually) for 2 years. If the amount received from scheme A was less than that received from scheme B by Rs. 1216 then what is the value of P ?
 (a) Rs. 1,500 (b) Rs. 1,400
 (c) Rs. 2,000 (d) Rs. 1,600

- (e) Rs. 1,800
51. A vessel contains 180 litres of a mixture of milk and water in the ratio of 13 : 5. Fifty-four litres of this mixture was taken out and replaced with 6 litres of water. What is the approximate percentage of water in the resultant mixture?
 (a) 41 (b) 31
 (c) 24 (d) 9
 (e) 17
52. A started a business with an investment of Rs. 28,000. After 5 months from the start of the business, B and C joined with Rs. 24,000 and Rs. 32,000 respectively and A withdrew Rs. 8000 from the business. If the difference between A's share and B's share in the annual profit is Rs. 2,400, then what was the annual profit received ?
 (a) Rs. 15,600 (b) Rs. 14,400
 (c) Rs. 14,040 (d) Rs. 15,360
 (e) Rs. 13,440

Directions (53-57): Study the following information carefully and answer the questions given below :

Game School	Total number of students enrolled in the school	Percentage of enrolled students who are enrolled in Football Game	Ratio of male to female students enrolled in Football Game
Playway Angels School	450	30	7 : 8
Govt. Inter College	200	38	9 : 10
MPVM	500	24	5 : 19
DPS	400	18	5 : 7

53. What is the ratio of the total number of male students enrolled for Football game in Playway Angels School and DPS together to the total number of female students enrolled for Football Games in the same schools together ?
 (a) 30 : 37 (b) 31 : 38 (c) 31 : 44
 (d) 36 : 37 (e) 36 : 39
54. In Govt. Inter College, out of the total number of students (both male and female) enrolled for Football Game, 1/19 are below 15 years of age. If out of the total students who are below 15 years of age, 50% are females, then what is the number of female students enrolled for Football game who are 15 years or above ?
 (a) 34 (b) 29 (c) 36
 (d) 25 (e) 38
55. What is the difference between the total number of male students enrolled for Football Game in Govt. Inter College and MPVM together and the total number of female students enrolled in the same in the same schools together ?
 (a) 65 (b) 74 (c) 88
 (d) 66 (e) 84

56. What is the average number of students not enrolled in Football Game in school Playway Angels School, Govt. Inter College and MPVM ?
 (a) 289 (b) 297 (c) 285
 (d) 283 (e) 273
57. The number of students (both male and female) who are enrolled for Football Game in Govt. Inter College and DPS together is approximately what per cent less than the number of students (both male and female) who are enrolled in the same Game in Play way Angels School and MPVM together ?
 (a) 18 (b) 42 (c) 22
 (d) 51 (e) 33
58. At present, Akki is seven years younger than Binny. Binny's age sixteen years hence will be equal to twice that of Akki two years ago. What will be the sum of their present ages?
 (a) 72 years (b) 61 years (c) 54 years
 (d) 62 years (e) 46 years
59. Raman scored 456 marks in an exam and Seeta got 54% marks in the same exam which is 24 marks less than Raman. If the minimum passing marks in the exam is 34%, then how much more marks did Raman get than the minimum passing marks?
 (a) 184 (b) 196 (c) 190
 (d) 180 (e) None of these
60. In an examination there are 30 questions. 1 marks is given for each correct answer and 0.25 is deducted for every incorrect answer. Ankur attempted all the questions and scored 13.75. How many incorrect answer did he have?
 (a) 10 (b) 11 (c) 12
 (d) 15 (e) None of these
61. A man can row 24 km upstream and 54 km downstream in 6 hours. He can also row 36 km upstream and 48 km downstream in 8 hours. What is the speed of the man in still water?
 (a) 18.75 kmph (b) 19.25 kmph (c) 17.65 kmph
 (d) 15.55 kmph (e) 22.75 kmph
62. In how many ways can the letters of the word IMAGINARY be arranged in such a way that all the vowels never come together?
- (a) 95040 (b) 94050 (c) 93070
 (d) 86400 (e) 98090
63. 6 boys and 6 girls sit in a row at random. The probability that all the girls sit together is?
 (a) $\frac{1}{432}$ (b) $\frac{12}{432}$ (c) $\frac{1}{132}$
 (d) $\frac{12}{332}$ (e) $\frac{12}{21}$
64. A number is such that when it is multiplied by '8', it gives another number which is as much more than 153 as the original number itself is less than 153. What is 25% of the original number ?
 (a) 8 (b) 7.5 (c) 10
 (d) 8.5 (e) 6.5
- Directions (65-69):** What will come in place of questions mark (?) in the given number series ?
65. 24 536 487 703 678 ?
 (a) 768 (b) 748 (c) 764
 (d) 742 (e) None of these
66. 224 576 752 840 884 ?
 (a) 960 (b) 890 (c) 906
 (d) 908 (e) None of these
67. 12, 30, 60, 108, 180, 282, ?
 (a) 366 (b) 420 (c) 444
 (d) 496 (e) 504
68. 2, 14, 18, 46, ?, 174, 338
 (a) 82 (b) 80 (c) 84
 (d) 86 (e) 78
69. 11 14 13 18 15 27 17 ?
 (a) 43 (b) 19 (c) 45
 (d) 41 (e) 23
70. The percentage profit earned when an article is sold for Rs. 546 is double the percentage profit earned when the same article is sold for Rs. 483. If the marked price of the article is 40% above the cost price, then what is the marked price of the article ?
 (a) Rs. 588 (b) Rs 608 (c) Rs. 616
 (d) Rs. 596 (e) Rs. 586

ENGLISH LANGUAGE

Directions (71-80); Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in **bold** to help you locate them while answering some of the questions.

Once upon a time, there was a royal elephant which used to reside in the premises of the king's palace. The elephant was very dear to the king, so he was well-fed and well treated. There was also a Dog who lived near the Elephant's shed. He was very weak and skinny. He was always fascinated by the smell of rich sweet rice being fed to the royal elephant.

One day, the Dog could no longer **resist** the aroma of the rice

and somehow managed to sneak into the Elephant's shed. He ate the grains of sweet rice that fell from the Elephant's mouth. He liked the rice so much, that he started going there daily to eat the rice. For days, the huge Elephant didn't notice the small dog as he was busy enjoying the delicious food. Gradually, the Dog grew bigger and stronger eating such rich food. Finally the Elephant noticed him and allowed him access to the food.

he Elephant enjoyed the company of the Dog and started sharing his food with him. They also started spending time with each other and soon became good friends. They ate together, slept together and played together. While playing, the Elephant

would hold the Dog in his trunk and swing him back and forth. Soon neither of them was happy without the other. They became great friends and didn't want to be **separated** from each other.

Then one day, a man saw the Dog and asked the Elephant-keeper, "I want to buy this Dog. What price do you want for it?" The Elephantkeeper didn't own the Dog but sold it and **extracted** a sum of money from this deal. The man took the Dog to his home village, which was quite far away. The King's Elephant became very sad after this incident. He missed his friend a lot and started neglecting everything. He didn't want to do anything without his dear friend, so he stopped eating, drinking and even bathing.

Finally, the Elephant-keeper reported this to the King; however he didn't mention anything about the Dog. The King had a wise minister, who was known for his keen understanding of animals. The King ordered the minister, "Go to the Elephant shed and find out the reason for the Elephant's condition". The intelligent minister went to the Elephant shed and found the Elephant very sad. He examined the Elephant and asked the Elephantkeeper, "There is nothing wrong with this Elephant's body, then why does he look so sad? I think this Elephant is grief stricken, possibly due to the loss of a dear friend. Do you know if this Elephant shared a close friendship with anyone?"

The Elephant-keeper said, "There was a Dog who used to eat, sleep and play with the Elephant. He was taken by a stranger three days ago". The minister went back to the King and said, "Your majesty, in my opinion, the royal Elephant is not sick, but he is lonesome without his dear friend, the Dog". The King said, "You're right, friendship is one of the most wonderful things of life. Do you know where that Dog is?"

The Minister replied, "Elephantkeeper has informed me that a stranger took him away and he doesn't know his whereabouts". The King asked, "How can we bring back my Elephant's friend and make him happy again?" The Minister suggested, "Your Majesty, make a **declaration** that whoever has the dog that used to live at the royal Elephant's shed will be penalized". The King did the same and the man who had taken the dog, instantly turned him loose when he heard the proclamation. As soon as he was freed, the Dog ran back as fast as he could to the Elephant's shed. The Elephant was so delighted to see the Dog that he picked his friend up with his trunk and swung him back and forth. The Dog wagged his tail, while the Elephant's eyes sparkled with happiness. The King was content to see the Elephant happy once again and rewarded the Minister for his wise judgment.

71. What was the Minister's diagnosis of the Elephant's condition?
(a) The Elephant hated his keeper

- (b) The Elephant was lonely
(c) The Elephant was starving
(d) The Elephant had hurt his leg and was in pain
(e) None of these

72. What method did the Minister suggest to the King to get back the Dog?
(a) To declare that whoever had that particular Dog would be punished
(b) To keep a bowl of rice for the dog in the Elephant's shed so that he could be lured back to the palace
(c) To command the Elephantkeeper to look for the Dog in the village
(d) To persuade the Elephant to call out to the Dog
(e) None of these
73. Why had the Elephant become very sad?
(a) He no longer got his daily bowl of rice
(b) He was unhappy with the King for having sold the Dog
(c) He missed his friend, the Dog
(d) He was sold to an unknown man by his keeper
(e) None of these
74. What did the Elephant-keeper do to the Dog?
(a) He sold the Dog to an unknown man for a price
(b) He hit the Dog as the Dog was eating the Elephant's food
(c) He killed the Dog
(d) He complained to the King about the Dog
(e) None of these
75. Which of the following would be the most appropriate title for the passage?
(a) Friends and Enemies (b) The Playful Dog
(c) The King and the Minister (d) The Elephant-keeper
(e) The Bond of Friendship
76. Why was the Elephant taken care of?
(a) He was a very special Elephant as he could talk to Dogs
(b) He was a very loyal Elephant
(c) He was the strongest Elephant in the Kingdom
(d) He was weak and the King had a lot of sympathy for him
(e) None of these

Directions (77–78): Choose the word/group of words which is **most similar** in meaning to the word/group of words printed in **bold** as used in the passage.

77. **EXTRACTED**
(a) Pulled (b) Inserted (c) Wing
(d) Dug out (e) Received
78. **DECLARATION**
(A) Pact (B) Praise (C) Announcement
(D) Writ (E) Resolve

Directions (79–80) Choose the word/group of words which is

most opposite in meaning to the word/group of words printed in **bold** as used in the passage.

79. **RESIST**

- (A) Give in (B) Please (C) Struggle
(D) Try out (E) Defy

80. **SEPARATED**

- (A) Stuck (B) United (C) Estranged
(D) Bound (E) Joined

Directions (81-85): Rearrange the following seven sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph then answer the questions given below them.

- (A) These are: our economic reforms, the nuclear tests and the international security paradigm shift.
(B) The first was the result of reaction to our reaching the brink of insolvency.
(C) Three developments in the last decade give rise to optimism regarding India's future as a global player.
(D) The next few years will tell us whether that was the beginning of new thinking and strategic culture in India or just an aberration.
(E) The third is also an external phenomenon to which as of today we have adjusted reasonably well.
(F) The nuclear tests were the only deliberately voluntary acts of this country.
81. Which sentence should be the FOURTH in the paragraph?
(a) A (b) B (c) C (d) D (e) E
82. Which sentence should be the LAST in the paragraph?
(a) A (b) B (c) C (d) D (e) E
83. Which sentence should be the FIRST in the paragraph?
(a) A (b) F (c) E (d) D (e) C
84. Which sentence should be the SECOND in the paragraph?
(a) A (b) F (c) E (d) D (e) C
85. Which sentence should be the THIRD in the paragraph?
(a) A (b) B (c) C (d) D (e) E

Directions (86-90): Find out the error, if any. If there is no error, the answer is (e), i.e. No error. (Ignore the errors of punctuation, if any.)

86. The scheme failed because (a)/ some states could not (b)/ mange not to raise (c)/ the necessary funds.(d)/ No error (e).
87. Real estate prices in the (a)/ business district of the city (b)/ are expected to rise (c)/ at 15% this year. (d)/ No error (e).
88. By so early as next year (a)/ the leading investment bank (b)/ has plans to open (c)/ an office in New Delhi. (d)/ No error (e).
89. There is lots of (a)/ supports from the employees for (b)/ the proposal to (c)/ merge with the parent company. (d)/

No error (e).

90. Experts have recommended that (a)/ the government reconsidered (b)/ restrictions imposed on foreign (c)/ investment in real estate. (d)/ No error (e).

Directions (91-95): In each of the following sentences, there are two blank spaces. Below each sentence there are five pairs of words denoted by numbers (a), (b), (c), (d) and (e). Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make the sentence grammatically correct and meaningfully complete.

91. Great saints believe that realisation of God will liberate man from _____ bondage and this state of release confers the privilege of serving the Lord in his _____ abode.
(a) materialistic, permanent (b) earthly, transcendental
(c) primitive, unique (d) spiritual, ethereal
(e) antique, original
92. Biological clocks are of such _____ adaptive value to living organisms, that we would expect most organisms to _____ them.
(a) meager – evolve (b) certain, achieve
(c) significant – eschew (d) obvious - possess
(e) important- restrict
93. Before his marriage the Duke had led an austere existence and now regarded the affectionate, somewhat _____ behavior of his young wife as simply _____
(a) restrained – despicable (b) childish – elevating
(c) playful – sublime (d) frivolous – puerile
(e) childlike-slanting
94. Today Wegener's theory is _____ ; however, he died an outsider treated with _____ by the scientific establishment.
(a) unsupported – approval (b) dismissed - contempt
(c) accepted – approbation (d) unchallenged – disdain
(e) rejected- consent
95. We can coax physical nature into _____ many of our wishes but we cannot _____ authority over it or make it change its ways one jot.
(a) granting, empower (b) satiating, display
(c) satisfying, exercise (d) stimulating, exercise
(e) agreeing, enhance

Directions (96-100): In the following passage, some of the words have been left out, each of which is indicated by a number. Find the suitable word from the options given against each number and fill up the blanks with appropriate words to make the paragraph meaningfully complete.

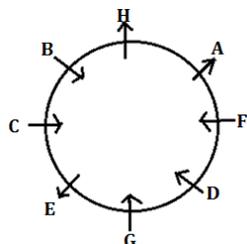
In recent years, the banking industry has been undergoing rapid changes, reflecting a number of (96) developments. The most significant has been advances in communication and information technology, which have (97) and broadened the

(98) of financial information while lowering the costs of many financial activities. A second key (99) for change has been the increasing competition among a broad (100) of domestic and foreign institutions in providing banking and related financial services. Third, financial activity has become larger relative to overall economic activity in most economies.

96. (a) challenging (b) subjective (c) situated
 (d) underlying (e) principled
 97. (a) measured (b) motioned (c) habituated
 (d) processed (e) accelerated
 98. (a) concealment (b) disagreement (c) dissemination
 (d) sowing (e) differentiation
 99. (a) force (b) impetus (c) pull
 (d) movement (e) energy
 100. (a) group (b) rank (c) place
 (d) range (e) row

Solutions:

Direction (1-5)



1. (c)
 2. (b)
 3. (a)
 4. (a)
 5. (d)

Direction(6-10)

6. (c)
 7. (c) 8\$, 7 ☆,
 8. (d) #J1
 9. (e) B 8, E 7, Z 2, J 1, K 9, D 4
 10. (b) R=8th
 L=15th

 L=23rd

11. (a) woman will be sister of Raman
 12. (a) top=10th bottom=18th
 so total number of students = 10+18-1=27
 13. (d) August 17
 14. (a)

S U B S C R I B E

15. (d)
 M(+)=L(-)
 N(+)=T

Direction(16-20)

Shoe	Day
E	Monday
F	Tuesday
C	Wednesday
D	Thursday
B	Friday
A	Saturday

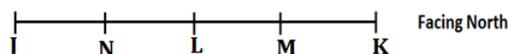
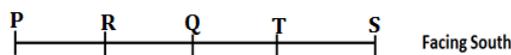
16. (c)
 17. (b)
 18. (d)
 19. (c)
 20. (e)

Direction(21-25)

- meena→mo
 teena→ga
 reena→su
 surbhi→ti
 nancy→ye/na
 garden→zo
 dream→ki
 golu→ye/na
 bikki→da
 aniket→ra
 neeraj→nic

21. (e)
 22. (d)
 23. (b)
 24. (e)
 25. (b)

Direction(26-30)



26. (b)
 27. (d)
 28. (a)
 29. (c)
 30. (e)

Direction(31-35)

31. (a) I. H>L(True) II. K>T(False)
 32. (e) I. G<P(True) II. G<J(True)
 33. (b) I. E≥S(False) II. S≤N(True)
 34. (d) I. Y<M(False) II. O>S(False)
 35. (a) I. V<U(True) II. Z<F(False)

36. (c);
 Sol. ? = 2 × (79)² + 2 × (49)² = 2 × [6241 + 2401] = 17284

37. (b);
 Sol. ? = $\frac{(7^3)^{\frac{2}{3}} \times (8^3)^{\frac{2}{3}}}{56} = \frac{49 \times 64}{56} = 56$

38. (d);

$$\begin{aligned} \text{Sol. } ? \left(\frac{4}{3} - 1 \right) &= \frac{7}{8} \times 616 \times 12 \times \frac{1}{16} - 17 \times 19 - 81 \\ ? \times \frac{1}{3} &= \frac{308 \times 21}{16} - 323 - 81 = \frac{1617}{4} - 404 \\ ? \times \frac{1}{3} &= \frac{1}{4} \\ \therefore ? &= \frac{3}{4} \end{aligned}$$

39. (e);

$$\begin{aligned} \text{Sol. } 224 + 1391.5 \\ = 1615.5 \end{aligned}$$

40. (c);

$$\text{Sol. } 560 + 69 = 629$$

41. (a)

$$\begin{aligned} \text{Sol. } \frac{V_A}{V_B} &= \frac{r_A^2 h_A}{r_B^2 h_B} = \left(\frac{r_A}{r_B} \right)^2 \left(\frac{h_A}{h_B} \right) = \left(\frac{2}{5} \right)^2 \left(\frac{3}{1} \right) \\ \frac{V_A}{V_B} &= \frac{12}{25} \end{aligned}$$

42. (a)

Sol. Let the salary of Raja is 100
Mother → 30

$$\text{Insurance \& PPF} = \frac{40}{100} \times 70 = 28$$

$$\text{Insurance} = \frac{4}{7} \times 28 = 16$$

$$\text{PPF} = \frac{3}{7} \times 28 = 12$$

$$30 - 16 \rightarrow 8400$$

$$14 \rightarrow 8400$$

$$1 \rightarrow 600$$

$$100 \rightarrow 60000$$

43. (b)

$$\text{Sol. } (A + B) \times 10 = (B + C) \times 15$$

$$(A + B) \times 10 = (B + 0.6A) \times 15$$

$$10A + 10B = 15B + 9A$$

$$A = 5B$$

$$\text{Numbers of days} = \frac{(A+B) \times 10}{A} = \frac{(5B+B) \times 10}{5B}$$

$$= 12 \text{ days}$$

44. (b)

$$\text{Sol. } 619 - 135 \div 15 - (9)^2 = ?$$

$$? = 619 - 9 - 81$$

$$= 529 \approx 530$$

45. (e)

$$\text{Sol. } 440 \div 15 + 208 \div 8 - 16 = ?$$

$$? = 29.33 + 26 - 16$$

$$\approx 40$$

46. (d)

$$\text{Sol. } 4^2 \times \sqrt{226} = 246 \div 8 + 930$$

$$4^2 \times 15 = 30.75 + 930$$

$$4^2 = \frac{960}{15}$$

$$4^2 = 64$$

$$? = 3$$

47. (a)

$$\text{Sol. } x\% \text{ of } (140 \times 8 - 680) = 330$$

$$x\% \text{ of } (1120 - 680) = 330$$

$$\frac{x}{100} \times 440 = 330$$

$$x = 75$$

48. (e)

$$\text{Sol. } \frac{40}{100} \times 860 + \frac{86}{8} = ?$$

$$? = 344 + 10.75$$

$$? \approx 355$$

49. (b)

Sol. Probability that two balls are red and one ball is green

$$= \frac{{}^7C_2 \times {}^5C_1}{{}^{12}C_3} = \frac{21 \times 5}{2 \times 11 \times 10} = \frac{21}{44}$$

50. (d)

$$\text{Sol. } (600 + P) \times \frac{144}{100} - \frac{122}{100} \times P = 1216$$

$$6 \times 144 + 1.44P - 1.22P = 1216$$

$$0.22P = 1216 - 864$$

$$0.22P = 352$$

$$P = \frac{352}{0.22} = 1600$$

51. (b)

Sol.

		Milk	Water
Initially	180	130	50
Taken amount out of vessel	54	39	15
		91	35
			+ $\frac{6}{41}$

$$\text{Required percentage} = \frac{41}{91+41} \times 100$$

$$= \frac{41}{132} \times 100$$

$$\approx 31\%$$

52. (b)

	A	:	B	:	C
	28000 × 5 + 20000 × 7	:	24000 × 7	:	32000 × 7
Sol.	28 × 5 + 20 × 7	:	24 × 7	:	32 × 7
	7 × 5 + 5 × 7	:	6 × 7	:	8 × 7
	70	:	42	:	56
	5	:	3	:	4

$$5x - 3x = 2400$$

$$2x = 2400$$

$$\Rightarrow x = 1200$$

$$\text{Annual profit} = (5 + 3 + 4)x = 12 \times 1200$$

$$= 14400$$

53. (b)

$$\text{Sol. Required ratio} = \frac{450 \times \frac{30}{100} \times \frac{7}{15} + 400 \times \frac{18}{100} \times \frac{5}{12}}{450 \times \frac{30}{100} \times \frac{8}{15} + 400 \times \frac{18}{100} \times \frac{7}{12}}$$

$$\frac{63 + 30}{72 + 42} = \frac{93}{114}$$

$$= \frac{31}{38}$$

54. (e)

Sol. Students enrolled for Football and below the age of 15

$$= 200 \times \frac{38}{100} \times \frac{1}{19}$$

$$= 4$$

$$\text{Female below the age of 15} = \frac{50}{100} \times 4 = 2$$

Number of females students enrolled for football who are above 15 years = $200 \times \frac{38}{100} \times \frac{10}{19} - 2$
 = $40 - 2$
 = 38

55. (b)
 Sol. Male enrolled for Football in Govt. Inter College and MPVM = $200 \times \frac{38}{100} \times \frac{9}{19} + 500 \times \frac{24}{100} \times \frac{5}{24}$
 = $36 + 25 = 61$
 Female enrolled for Football in Govt. Inter College and MPVM = $200 \times \frac{38}{100} \times \frac{10}{19} + 500 \times \frac{24}{100} \times \frac{19}{24}$
 = $40 + 95$
 = 135
 Difference = $135 - 61$
 = 74

56. (e)
 Sol. Number of students not enrolled for Football in Play way Angles School, Govt. Inter College and MPVM = $450 \times \frac{70}{100} + 200 \times \frac{62}{100} + 500 \times \frac{76}{100}$
 = $315 + 124 + 380$
 = 819
 Average = $\frac{819}{3} = 273$

57. (b)
 Sol. Students enrolled for Football in Govt. Inter College and DPS = $400 \times \frac{18}{100} + 200 \times \frac{38}{100}$
 = $72 + 76$
 = 148
 Students enrolled for football in Play way Angle School and MPVM = $450 \times \frac{30}{100} + 500 \times \frac{24}{100}$
 = $135 + 120 = 255$
 Required percentage = $\frac{255-148}{255} \times 100$
 = $\frac{107}{255} \times 100 = 41.96\%$
 $\approx 42\%$

58. (b)
 Sol. $B = A + 7$... (i)
 $B + 16 = 2(A - 2)$
 $A + 7 + 16 = 2A - 4$
 $A = 27$
 $A + B = A + A + 7$
 = $27 + 27 + 7$
 = 61 years

59. (a);
 Sol. Seeta score in the exam = $456 - 24 = 432$
 According to the question
 $54\% = 432$
 $34\% = \frac{432}{54} \times 34$
 = 8×34
 Passing Marks = 272
 Required Marks = $456 - 272 = 184$ marks.

60. (e);
 Sol. Total marks in the examination = 30
 Marks deducted in each wrong question = 1.25

Total deduction = $30 - 13.75 = 16.25$
 No. of incorrect question = $\frac{16.25}{1.25} = 13$

61. (b);
 Sol. $\frac{24}{u} + \frac{54}{v} = 6$... (1)
 $\frac{36}{u} + \frac{48}{v} = 8$... (2)
 Eqn. (1) $\times 3$ - eqn. (2) $\times 2$
 $\frac{72}{u} - \frac{162}{v} = 18$
 $\frac{u}{72} - \frac{v}{96} = 16$

$$\frac{66}{v} = 2$$

$v = 33$
 Put in the eqn (1)

$$\frac{24}{u} + \frac{54}{33} = 6$$

$$u = 5.5$$

\therefore Speed of the man in still water
 $\frac{33 + 5.5}{2} = \frac{38.5}{2}$
 = 19.25 kmph

62. (d);
 Sol. No. of ways all letter can be arranged
 $= \frac{9!}{2! 2!} = 90720$
 When vowels come together, no. of
 Ways = $6! \times \frac{4!}{2! 2!} = 4320$
 \therefore Required no of ways = $90720 - 4320$
 = 86400

63. (c);
 Sol. Step 1:
 Given 6 boys and 6 girls
 \therefore Number of ways in which 6 boys and 6 girls sit with all 6 girls sitting together in a row = 7!
 6 girls sitting arrangement = 6!
 Step 2:
 \therefore Required probability = $\frac{7! \times 6!}{12!} \Rightarrow \frac{1}{132}$

64. (d); Let the number is x
 $8x - 153 = 153 - x$
 $9x = 306$
 $x = 34$

25% of x = 8.5

65. (d); $+8^3, -7^2, +6^3, -5^2$
 = $678 + 4^3 = 742$

66. (c); $+352, +176, +88, +44$
 $884 + 22 = 906$

67. (b);

 12 30 60 108 180 282 420
 18 30 48 72 102 138
 12 18 24 30 36

68. (a); $\times 2 + 10, \times 2 - 10, \times 2 + 10, \times 2 - 10$

69. (a); there are two alternative series
11, 13, 15, 17
14, 18, 27
 $14+2^2, 18+3^2, 27+4^2=43$
70. Ans. (a)
Sol. Let the cost price is C
 $483 - C = 546 - 483$
 $483 - C = 63$
 $C = 483 - 63$
 $C = 420$
Marked price = $\frac{140}{100} \times 420$
= 588
71. (b); The minister noticed that there was a dog who used to eat, sleep and play with the Elephant. He was taken by a stranger three days ago. Then minister concluded that the royal Elephant is not sick, but he is lonesome without his dear friend, the Dog. This makes option (b) correct.
72. (a); The minister suggested to the King to make a declaration that whoever has the dog that used to live at the royal Elephant's shed will be penalized. Thus, (a) is the right answer.
73. (c); The man took the Dog to his home village, which was quite far away. The King's Elephant became very sad after this incident. Thus, (c) is the right answer.
74. (a); The Elephant keeper didn't own the Dog but sold it and extracted a sum of money from the deal. Thus, (a) is the correct answer.
75. (e); "The Bond of Friendship" is the correct title of the passage.
76. (e); The elephant was very dear to the king, so he was well-fed and well treated. Thus, (e) is the correct answer.
77. (e); **Extracted** means to make someone give you something. So, received is the word which is similar in meaning to it.
78. (c); **Declaration** means a formal or explicit statement or announcement. So, Announcement is the word which is similar in meaning to it.
79. (a); **Resist** means withstand the action or effect of. So, Give in is the word which is opposite in meaning to it.
80. (b); **Separated** means cause to move or be apart. So, United is the word which is opposite in meaning to it.
For questions (81-85); The correct sequence is CABEFD.
81. (e); E
82. (d); D
83. (e); C
84. (a); A
85. (b); B
86. (c); Double negatives should never be used in a sentence. It makes an error. So, remove 'No'
87. (d); By/to should be used in place of 'at'
88. (a); Replace 'so' with 'as' because correct expression is As+Adverb+As
89. (b); Use 'support' in place of 'supports' because it has been used as an uncountable noun here.
90. (b);
91. (b); Man has to be liberated from 'earthly' or 'materialistic' bondage and he should be united with 'spiritual' bondage, and hence 'spiritual' in option d would distort the sentence.
When man's life is materialistic, God's abode should be the opposite of 'materialistic'. But 'permanent' does not suggest that. Whereas 'earthly' and 'transcendental' are antonyms and are the most appropriate word in the given context.
92. (d); The sentence structure suggests that if biological clocks are a great advantage, then most organisms would possess them. [Or, if they are not an advantage, then organisms will not have them.]
Therefore, the obvious value, leads us to expect that organisms possess them.
93. (d); The behavior of the wife is described as 'affectionate' and so we require a word of similar weight for the first blank. Hence we eliminate 'restrained' and 'unpleasant'. Also the Duke is described as 'austere' and is unlikely to approve of affectionate behavior. And so from the remaining choices we choose the negative word puerile.
94. (d); 'however' indicates a contradictory statement, and therefore we need opposite ideas in the two halves of the sentence. So, Wegener's theory is unchallenged (everyone accepts it); however he was treated with disdain (contempt). Also the word 'outsider' in the sentence indicates that the second blank will have to be a negative word.
95. (c); We can satisfy the wishes and exercise authority over someone or something.
96. (d)
97. (e)
98. (c)
99. (b)
100. (d)

CAREER POWER™
AN IIT/IIM ALUMNI COMPANY

IBPS CLERK COMBO

25 Pre+25 Mains Mock
with
15+15 Practice Sets

Price: Rs. 750/-

Visit: onlinestore.careerpower.in

IBPS PO 2016 PRE.- MEMORY BASED MOCK held on 16th Oct.

REASONING ABILITY

Directions (1-5): In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer. Give answer-

- (a) If only conclusion II is true
 (b) If only conclusion I is true
 (c) If both conclusions I and II are true.
 (d) If either conclusion I or II is true
 (e) If neither conclusion I nor II is true.

- Statements:** $S \leq L \leq I = P \geq E > R; L > Q$
Conclusions: I. $P \geq S$ II. $I > R$
- Statements:** $G > R \geq E = A \leq T \leq S; D \leq A \leq J$
Conclusions: I. $T \geq D$ II. $R > S$
- Statements:** $A \geq B > C \leq D \leq E < F$
Conclusions: I. $A \geq E$ II. $C < F$
- Statements:** $G > R \geq E = A \leq T \leq S; D \leq A \leq J$
Conclusions: I. $J > G$ II. $J = G$
- Statements:** $S \leq L \leq I = P \geq E > R; L > Q$
Conclusions: I. $L < R$ II. $E \geq Q$

Directions (6-10): Study the following information carefully and answer the questions below.

Eight people- A, B, C, D, W, X, Y and Z are sitting in a circle facing the centre. All eight people are from different place i.e. Okhla, Dwarka, Lajpat Nagar, Chanakyapuri, Saket, Mehrauli, Rohini and Karol Bagh but not necessarily in the same order.

W is sitting third to the left of Y. The person who is from Dwarka is to the immediate right of W and W is not from Okhla. B is sitting fourth to the right of Z. Z is not the neighbor of Y. Neither B nor Z is an immediate neighbor of W. X is from Chanakyapuri and is sitting third to the right of the person from Dwarka. The person from Mehrauli is sitting second to the left of person from Chanakyapuri. The person from Rohini is sitting second to the left of W. A who is Lajpat Nagar is sitting exactly between X and Z. The person from Saket is sitting second to the right of the person from Lajpat Nagar. C is sitting third to the left of X.

- Who amongst the following persons belongs to Okhla?
 (a) Y (b) D (c) C
 (d) B (e) None of these
- What is A's position with respect to B?
 (a) Third to the right (b) Second to the right
 (c) Third to the left (d) Second to the left
 (e) Fourth to the right
- How many people are sitting between Z and C when counted in an anticlockwise direction From C?
 (a) One (b) Two (c) Three
 (d) Four (e) None
- Four of the following five pairs are alike in a certain way

based on their positions in the above arrangement and so from a group. Which of the following does not to the group?

- (a) B-Rohini (b) Z – Mehrauli (c) D - Okhla
 (d) Y – Saket (e) X - Dwarka

- Which of the following statements is false according to the above mentioned arrangement?
 (a) C is to the immediate right of the Karol Bagh
 (b) The person from Lajpat Nagar is third to the right of the person from Mehrauli.
 (c) The person from Dwarka is sitting exactly between the Karol Bagh and the Saket.
 (d) D is neither from Chanakyapuri nor from Karol Bagh.
 (e) There are only three people between A and C.

Directions (11-15): In each question below are given two/three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer

- (a) if only conclusion I follows.
 (b) if only conclusion II follows.
 (c) if either conclusion I or II follows.
 (d) if neither conclusion I nor II follows.
 (e) if both conclusions I and II follow.

- Statements:** All circles are a triangle.
 Some triangle is rectangle.
 All rectangles are square.
Conclusions: I. All rectangles being triangles is a possibility.
 II. All circles being square is a possibility.
- Statements:** Some chair is table.
 Some bed is table. No furniture is bed.
Conclusions: I. All chairs being furniture is a possibility.
 II. Some Table is not Bed is a possibility.
- Statements:** All circles are a triangle.
 Some triangle is rectangle.
 All rectangles are square.
Conclusions: I. Some triangles are not rectangle.
 II. No square is a circle.
- Statements:** All art are theater.
 Some art are drama.
Conclusions: I. All drama being theater is a possibility.
 II. Some dramas are theater.
- Statements:** Some chair is table.
 Some bed is table. No furniture is bed.
Conclusions: I. some table is not furniture.
 II. All table being furniture is a possibility.

Directions (16-18): Read the given information carefully and

answer the given question.

B is 25 m south of A. C is 10 m east of B. D is 30 m north of C. E is 7 m east of D. X is 18 m south of E. M is 12 m south of X. C is 7 m west of M.

16. B is in which direction from Point D?
 (a) South (b) South-West (c) North-East
 (d) South-East (e) North
17. If Point W is 3 m to the north of A, then what is the distance between B and W?
 (a) 28 m (b) 15 m (c) 21 m
 (d) 24 m (e) 17 m
18. What is distance between B and M
 (a) 17 m (b) 15 m (c) 21 m
 (d) 19 m (e) 13 m

Directions (19-23) : Study the following information to answer the given questions

S, T, U, V, W, X, Y and Z are sitting in a straight line equidistant from each other (but not necessarily in the same order). Some of them are facing south while some are facing north.

(Note : Facing the same direction means, if one is facing north then the other also faces north and vice-versa. Facing the opposite directions means, if one is facing north then the other faces south and vice-versa)

S faces north. Only two people sit to the right of S. T sits third to the left of S. Only one person sits between T and X. X sits to the immediate right of W. Only one person sits between W and Z. Both the immediate neighbors of T face the same direction. U sits third to the left of X. T faces the opposite direction as S. Y does not sit at any of the extremes ends of the line. V faces the same direction as W. Both Y and U face the opposite direction of Z.

19. How many persons in the given arrangement are facing North?
 (a) More than four (b) Four (c) One
 (d) Three (e) Two
20. Four of the following five are alike in a certain way, and so form a group. Which of the following does not belong to the group?
 (a) W, X (b) Z, Y (c) T, S
 (d) T, Y (e) V, U
21. What is the position of X with respect to Z?
 (a) Second to the left (b) Third to the right
 (c) Third to the left (d) Fifth to the right
 (e) Second to the right
22. Who amongst the following sits exactly between Z and W?
 (a) T (b) Y (c) X
 (d) W (e) U
23. Who is sitting 2nd to the right of T?
 (a) Z (b) V (c) X
 (d) W (e) None of these.

Directions (24-26): Study the following information and answer the given questions.

- D is daughter of N. E is wife of N.
- G is sister of D. C is married to G.

- N has no son. K is mother of E.

- Q is only daughter of C.

24. How Q is related to D?
 (a) Daughter (b) Cousin (c) Niece
 (d) Sister in law (e) Cannot be determined
25. How N is related to K?
 (a) Brother-in-law (b) Cousin (c) Son in law
 (d) Sister (e) Brother
26. How many daughters N have?
 (a) One (b) Three (c) Two
 (d) Cannot be determined (e) None of these
- Directions (27-29):** There are six wires in a table A, B, C, D, E and F they have different length but not necessarily in the same order. E is greater than C but less than D and B. A is greater than D and B. A is not longest wire. F is 13 cm. long and E is 4 cm. long.
27. If D is 5cm less than F what would be the length of D?
 (a) 7 (b) 8 (c) 9
 (d) Can't be determined (e) None of these
28. Which wire has least length?
 (a) B (b) A (c) C
 (d) E (e) None of these.
29. If A is 10 cm. length and B carry 5 cm. length then what would be the length of C?
 (a) 6 (b) 2 (c) 7
 (d) 9 (e) None of these

Directions (30-35): Study the given information carefully to answer the given question.

M, N, O, P, Q, R and S are seven people live on seven different floors of a building but not necessarily in the same order. The lower most floor of the building is numbered 1, the one above that is numbered 2 and so on till the topmost floor is numbered 7. Each one of them have different income i.e. 3500, 15000, 7500, 9000, 11000, 13500 and 5000. (But not necessarily in the same order.)

M lives on an odd numbered floor but not on the floor numbered 3. The one who has income of 11000 lives immediately above M. Only two people live between M and the one who has income of 7500.

The one who has income of 15000 lives on one of the odd numbered floors above P. Only three people live between O and the one who has income of 15000. The one who has income of 7500 lives immediately above O. R earns 4000 more than above Q. The one who has income of 3500 lives immediately above the one who has income of 5000. Only one person lives between N and Q. N lives on one of the floors above Q. Neither O nor M has income of 9000. Q does not has income of 7500.

30. How much income M has?
 (a) 13500 (b) 5000 (c) 7500
 (d) 15000 (e) 3500
31. Which of the following combinations is true with respect to the given arrangement?
 (a) 13500 – O (b) 15000 - R (c) 5000 - S

- (d) 11000 - P (e) 9000 - N
32. If all the people are made to sit in alphabetical order from top to bottom, the positions of how many people will remain unchanged?
 (a) Four (b) None (c) Two
 (d) One (e) Three
33. Which of the following statements is true with respect to the given arrangement ?
 (a) The one who has income of 5000 lives immediately below M.
 (b) R has income of 15000.
 (c) None of the given options is true.
 (d) Only four people live between P and S.
 (e) S lives immediately below Q.
34. Who amongst the following lives on the floor numbered 2 ?
 (a) N
 (b) The one who has income of 3500
 (c) The one who has income of 5000
 (d) P (e) R
35. How much income R has?
 (a) 13500 (b) 5000 (c) 7500
 (d) 15000 (e) 3500

QUANTITATIVE APTITUDE

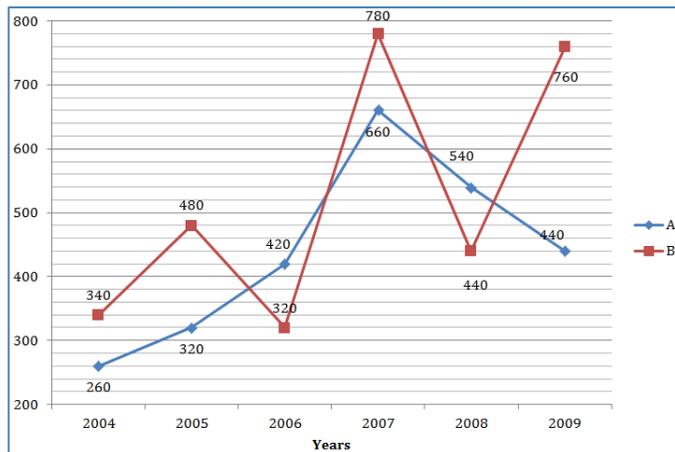
Direction(36-40): Study the following table and answer the questions that follow.

Village→	A		B		C	
Year ↓	Total Votes	Valid votes	Total Votes	Valid votes	Total Votes	Valid votes
2000	2500	2250	8000	7600	4400	4250
2005	3800	3250	6250	5800	5000	4600
2010	3400	3000	5900	5400	6720	6750

36. What is the average invalid votes for village A for the given years(approximate)?
 (a)400 (b)425 (c)450
 (d)375 (e)350
37. If total vote polled in village B in year 2000 ,25% polled by females and total valid-female-votes are 1875 then find the number of valid votes polled by males ?
 (a)5675 (b)5825 (c)5450
 (d)5950 (e)5725
38. What is the average of valid votes polled in year 2000?
 (a)4750 (b)4600 (c)4850
 (d)4700 (e)5150
39. Total votes of village A in 2000 is what percent of valid votes polled in village C in 2010?
 (a) 29% (b) 35% (c) 37%
 (d) 42% (e) 44%
40. Valid votes polled in village C in 2005 is by what percent less than total votes polled in villageB in 2000?
 (a)39.50% (b)42.50% (c) 46.75%
 (d) 41.25% (e) 37.75%
41. Find the probability that a number from 1 to 300 is divisible by 3 or 7 ?
 (a) $\frac{37}{75}$ (b) $\frac{32}{75}$ (c) $\frac{36}{75}$
 (d) $\frac{28}{75}$ (e) $\frac{26}{75}$
- Q42. 14 men can do a work in 18 days ,15 women can do a work in 24 days. If 14 men work for first three days and 10 women work after that for three days find the part of work left after that?
 (a) $\frac{3}{4}$ (b) $\frac{1}{4}$ (c) $\frac{1}{2}$
43. Perimeter of a rectangle is x and circumference of a circle is 8 more than the perimeter of the rectangle. Ratio of radius of circle and length of the rectangle is 1:2 and ratio of length and breadth of rectangle is 7:3. Find the length of the rectangle?
 (a)14 (b)21 (c)28
 (d)35 (e)7
44. A invest on some scheme at 5% and B at 3% for two year. If the total sum invested by A and B is 4000 and the simple interest received by both is same then find the amount invested by A ?
 (a)1300 (b)1500 (c)2500
 (d) 2700 (e)2100
45. Two trains crosses each other in 14 sec when they are moving in opposite direction, and when they are moving in same direction they crosses each other in 3 minute2 sec. Find the speed of the faster train by what percent more than the speed of the slower train?
 (a)16.67% (b)17.33% (c)16.33%
 (d)17.67% (e)18.33%
- Directions (46-50):** What will come in place of the question mark (?) in the following number series?
46. 11 20 38 74 ?
 (a) 146 (b)154 (c) 128
 (d)132 (e)136
47. 15 21 38 65 101 ?
 (a) 124 (b)145 (c)136
 (d)158 (e)162
48. 24 28 19 35 10 ?
 (a)26 (b)36 (c)16
 (d)46 (e)15
49. 7 16 45 184 915 ?
 (a)2092 (b)5496 (c)1048
 (d)4038 (e)3268
50. 12 19 35 59 90 ?
 (a) 134 (b)127 (c)132
 (d)98 (e)114
- Direction (51-55):** Study the following table and answer the

questions that follow.

Given line graph shows the number of students appeared from state A and state B in an examination.



51. Number of students appeared from state B in 2009 is about what percent of total students appeared from state A?
(a)32 (b)30 (c)33
(d)28 (e)22
52. What is the difference between the total number of students from state A in 2004 and 2005 together and those of state B in 2008 and 2009 together?
(a)520 (b)580 (c)620
(d)720 (e)680
53. What is the ratio of number of students appeared in examination from state B in 2004, 2006 and 2008 to the number of students appeared from state A in 2005, 2007 and 2009?
(a)73:55 (b)55:71 (c)79:15
(d)75:13 (e)13:85
54. If in 2010 the number of students appeared from state A is increase by 10% and those from state B increased by 15% as compared to the number of students from respective states in year 2009, then what is the ratio of number of students from state A and state B in 2010?
(a)287:439 (b)285:437 (c)289:437
(d)433:189 (e)242:437
55. What is the difference between average number of students from state A and state B?
(a)90 (b)60 (c)80
(d)70 (e)110

Directions (56-60): In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer

- (a) if $x > y$ (b) if $x \geq y$
 - (c) if $x < y$ (d) if $x \leq y$
 - (e) if $x = y$ or relationship between x and y cannot be established.
56. I. $3x^2 - 22x + 7 = 0$ II. $y^2 - 15y + 56 = 0$
 57. I. $2x^2 - 17x + 36 = 0$ II. $2y^2 - 19y + 44 = 0$

58. I. $x - \sqrt{169} = 0$ II. $y^2 - 169 = 0$
59. I. $3x^2 + 20x + 25 = 0$ II. $3y^2 + 14y + 8 = 0$
60. I. $3x^2 + 5x + 2 = 0$ II. $3y^2 + 18y + 24 = 0$
61. A seller mark the price 50% above the cost price and give 10% discount on an item. While selling he cheats customer by giving 20% less in weight. Find his overall profit percent (approximate)?
(a)26% (b)65% (c)68%
(d)72% (e)76%
62. There are 81 liters pure milk in a container. One-third of milk is replaced by water in the container. Again one-third of mixture is extracted and equal amount of water is added. What is the ratio of milk to water in the new mixture?
(a) 1 : 2 (b) 1 : 1 (c) 2 : 1
(d) 4 : 5 (e) None of these
63. A is 2 years older than B while B is 3 year younger than C. The ratio of age of A 6 years hence and B 2 years ago is 5:3. What was age of C 6 years ago?
(a)12 years (b)19 years (c)15 years
(d)14 years (e) 21 years
64. A, B and C started a business with their investments in the ratio 1 : 2 : 4. After 6 month A invested the half amount more as before and B invested same the amount as before while C withdrew $\frac{1}{4}$ th of his investment. Find the ratio of their profits at the end of the year.
(a) 5 : 12 : 13 (b) 5 : 11 : 14 (c) 5 : 12 : 14
(d) 5 : 12 : 10 (e) None of these
65. The average marks in Science subject of a class of 20 students is 68. If the marks of two students were misread as 48 and 65 of the actual marks 72 and 61 respectively, then what would be the correct average?
(a) 68.5 (b) 69 (c) 69.5
(d) 70 (e) 66

Directions (66-70): What approximate value should come in the place of question mark (?) in the questions given below ?

66. 39.95% of $265 + 35.2\%$ of $178 = 50\%$ of ? + ?% of 80
(a) 80 (b) 95.5 (c) 130
(d) 125.5 (e) 115
67. $\sqrt{0.25 \times 0.16}$ of $\frac{15}{7} = ?$
(a) 0.43 (b) 0.76 (c) 0.91
(d) 0.20 (e) 0.62
68. $\frac{?}{528.99} = \frac{324.02}{?}$
(a) 404 (b) 408 (c) 410
(d) 414 (e) 416
69. $(682\% \text{ of } 782.01) \div 856.05 = ?$
(a) 4.50 (b) 10.65 (c) 2.55
(d) 8.75 (e) 6.25
70. 15.5% of $849 + 24.8\%$ of $651 = ?$
(a) 295 (b) 330 (c) 270
(d) 375 (e) 220

ENGLISH LANGUAGE

Directions (71-77): Read the following passage carefully and answer the questions given below it. Certain words are printed in bold to help you locate them while answering some of the questions.

Globalization is the objective trend of economic development in the world today, featured by free flow and optimized allocation of capital, technology, information and service in the global context. It is the inevitable result of the development of productive forces and advances of science and technology, especially the revolution of information technology since the 1980s and 1990s.

The influence of globalization on countries at different stages of development is entirely different. The "dividends" derived from globalization are not fairly distributed. The developed countries have apparent advantages in capital, technology, human resources and administrative expertise and in setting the "rules of the game". They are usually the biggest beneficiaries of globalization. The developing countries on the other hand are on the whole in an unfavorably position. Developing countries can obtain some foreign investment, advanced technologies and management expertise, but at the same time they are the most vulnerable to the negative impacts of globalization and lack the ability to effectively fend off and reduce the risks and pitfalls that come along with globalization. In the 1990s, especially in recent years, the gap between the North and the South has further widened. The economic sovereignty and economic security of the developing countries are confronted with enormous pressure and stern challenges. Some least-developed countries are even on the brink of being marginalized by globalization. Therefore, in participation of globalization, developing countries should always be on alert and try by all means to exploit the advantages and avoid all kinds of risk and harm.

In the past 20-odd years, China has maintained an annual growth rate of over 9.3% on average. China is now the 6th largest economy and the 5th largest trading nation in the world. More than 200 million people have been lifted out of poverty. The above accomplishments were achieved against the backdrop of a volatile international situation. The reason why China was so successful in such a short period of time and in a constantly changing international environment is because China has found its own road of development i.e, to base what we do on the realities of China while sticking to the basic system of socialism, reforms should be carried out to solve the problems of incompatibility between the productive forces and the relations of production, and between economic base and the superstructure, so as to achieve self-perfection of socialism. Every country is different from the other.

It opens not only to developed countries, but also to developing countries, not only in economic field, but also in all areas of social development. At the same time, it is not a blind opening, but a self-conscious one, not a disorganized opening but a

systematic one. China's opening proceeds and deepens in a gradual and step by step fashion. It started from the 4 special economic zones, to coastal cities, then to capital cities of inland provinces and now it has reached an unprecedented stage of all-round opening demonstrated by China's accession to the World Trade Organization. During its opening-up, China paid special attention to give full play to its comparative advantages to actively conduct international cooperation and competition. For instance, China has fully exploited its advantages of low cost of labour to attract foreign investment and technology to push economic development and better efficiency and quality of economic growth. These measures have brought the Chinese economy increasingly integrated with the world economy.

China has learnt many lessons and accumulated rich experiences in dealing with globalisation from its practice of reform and opening-up. To adopt opening-up policy. It opens not only to developed countries, but also to developing countries, not only in economic field, but also in all areas of social development. At the same time, it is not a blind opening, but a self-conscious one, not a disorganized opening but a systematic one. China's opening proceeds and deepens in a gradual and step by step fashion. It started from the 4 special economic zones, to coastal cities, then to capital cities of inland provinces and now it has reached an unprecedented stage of all-round opening demonstrated by China's accession to the World Trade Organization. During its opening-up, China paid special attention to give full play to its comparative advantages to actively conduct international cooperation and competition.

China's participation in Globalization is by no means a one-way street. When the world economic growth remains weak, China's economy is one of the few bright spots. As World Bank Report on Global Development Finance 2003 published in early April pointed out that China's fast growth "helped to drive the recovery in East Asia. Together with policy stimulus in other countries, China's performance lifted the region to growth of 6.7 % in 2002, up from 5.5% in 2001. China has also provided the world with the largest rising market. When more than 1.25 billion people become well-off, the demand on everything will be enormous. Just to give you an example, in the coming 10 years alone, China will import US\$ 2 trillion of goods from the outside world. It goes without saying that we are also facing many challenges. For instance, with the accession to the WTO, China is faced with growing pressure from international competition. China's enterprises have to cope with fiercer competition not only at international market, but at home market as well. Nevertheless, opening the country to the outside world is China's basic and long-term state policy. China is committed to opening still wider to the outside world in an all-directional and multi-tiered way, with an even more active approach.

71. Why the "dividends" derived from globalization are not fairly distributed?

- (a) Apprehension in embracing and seizing the opportunities presented by globalization
 (b) Failing to adopt reforms to keep up with the steps of the changing world.
 (c) Political disadvantage due to inactivity in the developing countries.
 (d) Due to the lack of a just and equitable international economic order
 (e) None of these.
72. What reason author has given for China's achievement in such a short span of time?
 (a) Significant modifications in the basic system of socialism.
 (b) Framing their models on Chinese characteristics rather than relying on plagiarism.
 (c) As they gave much more impetus on advancement in technology, human resources and administrative expertise
 (d) Their responsible approach as they remained vigilant against various risks, especially financial risks.
 (e) None of these
73. Which of the following is the most suitable term for the nature of Chinese opening to the outside world?
 (a) Progressive (b) Self conscious (c) Comprehensive
 (d) Discerning (e) Selective
74. How according to author China is contributing to World Economy?
 (a) By giving the road development to other developing countries so that they can follow the same path.
 (b) By providing a huge market to the World to supply the needs of billion uplifted Chinese population.
 (c) By new advancements in technology and human resources.
 (d) Focusing their attention to conduct international cooperation and competition.
 (e) None of these.
75. Which of the following statement(s) is/ are true in context of the passage?
 (i) Developing countries are raising their concern over China's commitment to even more active approach towards opening to World.
 (ii) Developing countries are usually the most active propellers of globalization.
 (iii) China's rise is a threat for the developing countries like America.
 (a) Only (ii) (b) Both (i) and (iii)
 (c) Both (i) and (ii) (d) Only (i). (e) All of the above
76. What is the challenge that is faced by China?
 (a) Need to fulfill the enormous demands of more than a billion Chinese people who have recently escaped from poverty.
 (b) Adapting to the model adopted by the other countries so as to not get isolated.
 (c) Growing pressure from the international market.
 (d) Opening the country to the outside world
 (e) None of these
77. Which of the following statement is false?
 (a) Low cost of labour in China is key to attract foreign investment.
 (b) Achieving self-perfection of socialism is a reason for China's incredible growth
 (c) Developing country can suffer economically due to globalization.
 (d) China is facing a much fiercer competition at home compared to international markets.
 (e) None of these.
- Directions (78-82):** Rearrange the following Six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph and then answer the questions given below.
- A-- It is the only country in the world that is carbon negative, which means it produces more oxygen than it consumes.
 B-- Bhutan, sandwiched between the two most populous nations on Earth, suffers for their sins.
 C-- So far, so good. But then, two things happened.
 D-- Carbon sinks, 70% forest cover, powered almost entirely by mountain streams—Bhutan is a poster child for green living.
 E-- Glaciers are beginning to melt, flash floods and heavy rains—and even droughts—are common, and temperatures are climbing.
 F-- One, India and China got richer.
78. Which of the following should be the First sentence of the given paragraph?
 (a)E (b)D (c)C (d)B (e)A
79. Which of the following should be the Third sentence of the given paragraph?
 (a)A (b)B (c)C (d)D (e)E
80. Which of the following should be the LAST sentence of the given paragraph?
 (a)A (b)C (c)B (d)D (e)E
81. Which of the following should be the Fourth sentence of the given paragraph?
 (a)F (b)C (c)B (d)E (e)D
82. Which of the following should be the Second sentence of the given paragraph?
 (a)B (b)D (c)A (d)C (e)E
- Directions (83-90):** In the following passage, you have a brief passage. In the following passage, some of the words have been left out. First read the passage over and try to understand what it is about. Then fill in the blanks with the help of the alternatives given.
- Big ideas come from tackling --83-- problems. When one is confronted with an overwhelming task, it's pieces. Business jargon is full of phrases about that, like "pilot projects" and "low-hanging fruit." They have their place, but in the repertory of management --84--, they should share their place with bold approaches to big challenges. Much of today's most valuable management knowledge came from wrestling with such issues. The most complicated workplace in the middle of the last century was the automobile assembly plant. Drawn to its

complexity where Peter F. Drucker, W. Edwards Deming, and Taiichi Ohno, among others. The work they and their disciples did, applied in industry after industry, is the basis of the best that we know about operations, managing people, innovation, organizational design, and much more.

The most complex workplaces are tertiary care hospitals. These vast --85-- employ tens of thousands of people who, under one roof, do everything from neurosurgery to laundry. Each patient – that is to say, each “job” – calls on a different set of people with a different constellation of --86--; even when the two patients have the same diagnosis, success may be --87-- differently. This is complexity of an order of magnitude greater than automobile assembly, and anyone who --88-- hospitalized knows that management has thus far been unequal to the scope of task. The workers, managers, consultants, and scholars --89-- crack this nut will reshape industries and institutions just as ---90-- as Drucker, Deming, and Ohno did.

83. (a) Small (b) big (c) Irrelevant
(d) Buildings (e) minor
84. (a) Weakness (b) Strength (c) Power
(d) practice (e) symptom
85. (a) houses (b) institute (c) demagogue
(d) Forts (e) enterprises
86. (a) Barbarity (b) talent (c) skills
(d) unskilled (e) barbaric
87. (a) managed (b) Officious (c) Delivered
(d) measured (e) postponed
88. (a) are been (b) have being (c) have been
(d) has been (e) is be
89. (a) who (b) whom (c) whose
(d) which (e) whomsoever
90. (a) Profoundly (b) gradually (c) superficially
(d) speciously (e) earnest

Directions (91-100): Identify the error in the sentences given below, if there is no error, click option (e).

91. The need to set up a good library in the locality has been in the minds of people for some time now.
(a)The need to set up
(b)a good library in the locality
(c)has been in the minds of people
(d)for some time now (e)No error
92. Most people would have attended the union meeting if they had longer notice of it.
(a)Most people would have
(b)attended the union meeting
(c)if they had (d)longer notice of it.
(e)No error
93. He took to reading Times for better knowledge of the facts.
(a)He took to (b)reading Times
(c)for better knowledge (d)of the facts.
(e)No error
94. When children have difficulty understanding a certain mathematical process, it is often because their teachers do not understand it conceptually themselves and do not

present it in a way that children can understand.

- (a)When children have difficulty understanding
(b)a certain mathematical process, it is often because
(c)their teachers do not understand it conceptually
(d)themselves and do not present it in a way that children can understand.
(e)No error.
95. Studies show that the lives of millions of mothers and their children could be saved if countries would invest in programs that ensures a healthy pregnancy, and safe childbirth.
(a)Studies show that the lives of millions of mothers
(b)and their children could be saved if countries would
(c)invest in programs that ensures a healthy pregnancy,
(d)and safe childbirth.
(e)No error.
96. Film viewers claim that the number of scenes depicting alcohol consumption have increased dramatically over the last decade.
(a)Film viewers claim that
(b)the number of scenes depicting alcohol consumption
(c)have increased dramatically over
(d)the last decade.
(e)no error
97. Forty percent of the people alive today have never made a phone call, but thirty percent still have no electricity connections to their homes.
(a)Forty percent of the people alive today have
(b)never made a phone call, but
(c)thirty percent still have no electricity connections
(d)to their homes.
(e)no error
98. Workers with less personal problems are likely to before productive in their work.
(a)Workers with less (b)personal problems are
(c)likely to be (d)more productive in their work.
(e)no error.
99. Everyone who visits Singapore is impressed by its cleanliness, which is mainly a result of rigorous implementation of their strict laws.
(a)Everyone who visits Singapore
(b)is impressed by its cleanliness,
(c)which is mainly a result of rigorous implementation
(d)of their strict laws. (e)No error
100. The bridal dress was most unique: the prince designed it and his mother provided the lace fabric.
(a)The bridal dress was (b)most unique: the prince
(c)designed it and his
(d)mother provided the lace fabric.
(e)No error

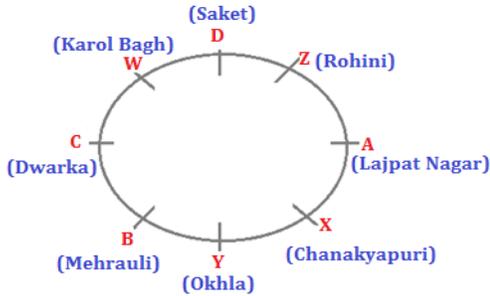
Solutions:

Directions (1-5):

1. (c) I. $P \geq S$ (True) II. $I > R$ (True)

2. (b) I. $T \geq D$ (True) II. $R > S$ (False)
 3. (a) I. $A \geq E$ (False) II. $C < F$ (True)
 4. (e) I. $J > G$ (False) II. $J = G$ (False)
 5. (e) I. $L < R$ (False) II. $E \geq Q$ (False)

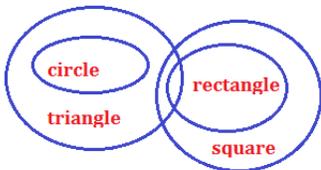
Directions (6-10):



6. (a)
 7. (a)
 8. (d)
 9. (e)
 10. (c)

Directions (11-15):

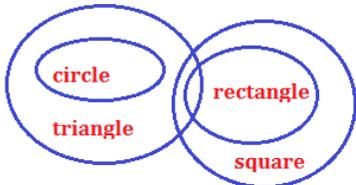
11. (e)



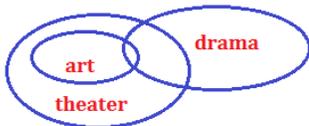
12. (e)



13. (d)



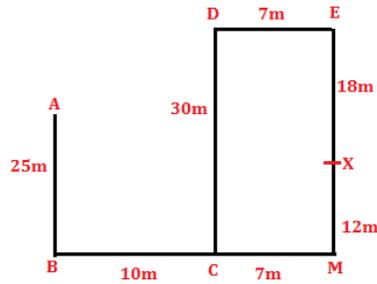
14. (e)



15. (a)

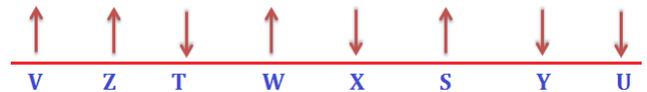


Directions (16-18):



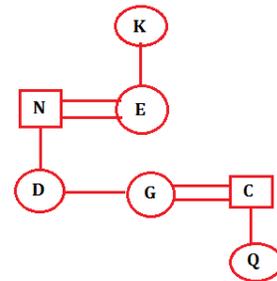
16. (b)
 17. (a)
 18. (a)

Directions (19-23):



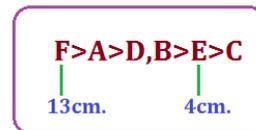
19. (b)
 20. (d)
 21. (b)
 22. (a)
 23. (b)

Directions (24-26):



24. (c)
 25. (c)
 26. (d)

Directions (27-29):



27. (b)
 28. (c)
 29. (b)

Directions (30-35):

FLOOR	PERSON	SUBJECTS
7	S	9000
6	N	11000
5	M	15000
4	Q	3500
3	P	5000
2	R	7500
1	O	13500

30. (d)
 31. (a)
 32. (c)
 33. (c)
 34. (e)
 35. (c)
 36. (a); Required average = $\frac{250+550+400}{3} = 400$
 37. (e); Votes polled by females = $\frac{25}{100} \times 8000 = 2000$
 Votes polled by males = 6000
 Valid female votes = 1875
 Valid male votes = $7600 - 1875 = 5725$
 38. (d); Required average = $\frac{2250+7600+4250}{3} = 4700$
 39. (c); Required percentage = $\frac{2500}{6750} \times 100 \approx 37\%$
 40. (b); Required percentage = $\frac{8000-4600}{8000} \times 100 \approx 42.5\%$
 41. (b); Between 1 and 300 there are 100 multiples of 3 and 42 multiples of 7, while 14 are common multiples of 3 and 7
 So total no. of favourable cases = $100 + 42 - 14 = 128$
 Required probability = $\frac{128}{300} = \frac{32}{75}$
 42. (a); Workdone in first 3 days = $3 \times \frac{1}{18} = \frac{1}{6}$
 Workdone in next 3 days = $\frac{2}{3} \times 3 \times \frac{1}{24} = \frac{1}{12}$
 Remaining work = $\left[1 - \left(\frac{1}{6} + \frac{1}{12}\right)\right] = \frac{3}{4}$
 43. (c); Sol. Let length and breadth are $7a, 3a$
 Perimeter = $20a$
 Circumference of circle = $20a + 8$
 Radius of circle = $\frac{1}{2} \times 7a = 3.5a$
 $2a + 8 = \frac{44}{7} \times \frac{7}{2}a, a = 4$
 Length = 28 cm
 44. (b); 10% of $x = 6\%$ of y
 $\frac{x}{y} = \frac{3}{5}$
 $x = 1500, y = 2500$
 45. (a)
 Sol. Let sum of length of both trains = L
 And speed = x & y
 $\frac{L}{x-y} = 182, \frac{L}{x+y} = 14$
 $14(x+y) = 182(x-y)$
 $\frac{x-y}{x+y} = \frac{1}{13}$
 $12x = 14y = x = \frac{7}{6}y$
 Required percentage = $\frac{(7-6)}{6} \times 100 = 16\frac{2}{3}\%$
 or 16.67%
 46. (a); The pattern is +9, +18, +36, +72.....
 $74 + 72 = 146$
 47. (b) The pattern is +6, $\frac{\quad}{+11} + 17, \frac{\quad}{+10} + 27, \frac{\quad}{+9} + 36, \frac{\quad}{+8} + 44$
 $101 + 44 = 145$
 48. (d) The pattern is $+2^2, -3^2, +4^2, -5^2$
 $10 + 6^2 = 46$
 49. (b); Sol. The pattern is $\times 2 + 2, \times 3 - 3, \times 4 + 4, \times 5 - 5$
 $915 \times 6 + 6 = 5496$
 50. (b); The pattern is +7, $\frac{\quad}{+9} + 16, \frac{\quad}{+8} + 24, \frac{\quad}{+7} + 31, \frac{\quad}{+6} + 37$
 $90 + 37 = 127$
 51. (d); Required percent = $\frac{760}{2640} \times 100 = 28.78\% \approx 28\%$
 52. (c); Total students from state A in 2004 and 2005 = $260 + 320 = 580$
 Total students from state B in 2008 and 2009 = $440 + 760 = 1200$
 Difference = $1200 - 580 = 620$
 53. (b); Required Ratio = $\frac{340+320+440}{320+660+440} = \frac{1100}{1420} = \frac{55}{71}$
 54. (e); Required ratio = $\frac{\frac{110}{100} \times 440}{\frac{115}{100} \times 760} = \frac{484}{874} = \frac{242}{437}$
 55. (c); Difference = $\frac{3120}{6} - \frac{2640}{6} = 520 - 440 = 80$
 56. (d); $x = \frac{21}{3}, \frac{1}{3} \quad y = 8, 7$
 $= 7, \frac{1}{3}$
 $y \geq x$
 57. (e); $x = \frac{9}{2}, \frac{8}{2} \quad y = \frac{11}{2}, \frac{8}{2}$
 $= 4.5, 4 \quad = 5.5, 4$
 No. relation can be established.
 58. (b); $x = 13$
 $y = \pm 13$
 $x \geq y$
 59. (e); $x = -\frac{15}{3}, -\frac{5}{3} \quad y = -\frac{12}{3}, -\frac{2}{3}$
 $= -5, -\frac{5}{3} \quad = -4, -\frac{2}{3}$
 No relation can be established.
 60. (a); $x = -\frac{3}{3}, -\frac{2}{3} \quad y = -\frac{12}{3}, -\frac{6}{3}$
 $x = -1, -\frac{2}{3} \quad = -4, -2$
 $x > y$
 61. (c); Let seller bought 100 gram at Rs. 100.
 Selling price = $\frac{90}{100} \times \frac{150}{100} \times 100 = 135$
 But he weigh 80 gram instead of 100 gram because he cheats 20% in weight.
 Profit% = $\frac{135-80}{80} \times 100 = \frac{55}{80} \times 100 = 68.75\% \approx 68\%$
 62. (d); Milk left = $81 \left(1 - \frac{27}{81}\right)^2 = 81 \left(1 - \frac{1}{3}\right)^2$

$$= 81 \times \frac{4}{9} = 36$$

$$\text{Required Ratio} = \frac{36}{81-36} = \frac{36}{45} = \frac{4}{5}$$

63. (d); $\frac{A}{x+2+6} = \frac{B}{x} = \frac{C}{x+3} = \frac{4}{5}$

$$\frac{x-2}{x+8} = \frac{5}{3}$$

$$\frac{x-2}{x-2} = \frac{5}{2}$$

$$3x + 24 = 5x - 10$$

$$34 = 2x$$

$$x = 17$$

$$\text{Age of C, 6 year ago} = 17 + 3 - 6 = 14 \text{ years}$$

64. (c)

A	B	C
$x \times 6 + 6 \times \frac{3}{2}x$	$2x \times 6 + 4x \times 6$	$4x \times 6 + 3x \times 6$
$6x + 9x$	$12x + 24x$	$24x + 18x$
$15x$	$36x$	$42x$
5	12	14

65. (b); Increase in average marks = $\frac{(72+61)-(48+65)}{20} = \frac{133-113}{20} = \frac{20}{20}$

$$\text{Correct average} = 68 + 1 = 69$$

66. (c); $106 + 63 = 0.5 \times ? + \frac{?}{100} \times 80$

$$16900 = 130 \times ?$$

$$? = 130$$

67. (a); $0.5 \times 0.4 \times \frac{15}{7} = ?$

$$? = \frac{3}{7} = 0.43$$

68. (d); $?^2 = 324 \times 529$

$$? = 414$$

69. (e); $? = \frac{5333}{856} \approx 6.25$

70. (a); $? = 131.75 + 161.2$

$$= 292.95$$

$$\approx 295$$

70. (d); The author has said in the 2nd paragraph of the passage that how the developing countries are lacking in the infrastructure and expertise because of which they always need to be alert therefore option (d) is the correct choice for the given question.

71. (b); Refer to the 3rd paragraph of the passage, "China has found its own road of development i.e, to base what we do on the realities of China while sticking to the basic system of socialism"... Hence option (b) is the correct choice for the given question.

72. (c); Comprehensive is the most suitable choice, you can get confused with options (a) and (b) but they are just one of the aspects but comprehensive which means including or dealing with all or nearly all elements or aspects of something most suitably describes the Chinese opening.

73. (b); Refer to the 6th paragraph of the passage where it is explained how China has provided the World with new wider market as when more than 1.25 billion people

become well-off, the demand on everything will be enormous.

74. (a); Only option (ii) is the correct choice as it is given in the 2nd paragraph of the passage that developing countries are the one that are the biggest beneficiaries. Option (i) and (iii) are incorrect hence Option (a) is the correct choice for the given question.

75. (c); Refer to the last paragraph of the passage, "China is faced with growing pressure from international competition." Hence option (c) is the correct choice.

76. (d); Option (d) is the correct choice as it is not mentioned in the last paragraph of the passage that where China faces fiercer competition.

77. (b); The order of the sentences of the given paragraph should be DACFBE.

79. (c); The order of the sentences of the given paragraph should be DACFBE.

80. (e) The order of the sentences of the given paragraph should be DACFBE.

81. (a); The order of the sentences of the given paragraph should be DACFBE.

82. (c); The order of the sentences of the given paragraph should be DACFBE.

83. (b); 'big' fits in the context of the sentence correctly. 'big ideas- big problem'

84. (d); 'practice' fits in the context of the sentence correctly.

85. (e); 'enterprises' fits in the context of the sentence correctly. enterprise-a business or company

86. (c); 'skills' fits in the context of the sentence correctly.

87. (d); 'measured' fits in the context of the sentence correctly.

88. (d); 'has been' singular verb will be used with 'anyone'.

89. (a); 'who' as a relative pronoun, fits in the context of the sentence correctly.

90. (a);

91. (c); Add article 'the' before 'people'

92. (d); Add article 'a' before 'longer'.

93. (b); Add article 'the' before 'Times'.

94. (a); use 'difficulty' in place of 'difficult'.

95. (c); use 'ensure' in place of 'ensures'.

96. (c); The subject 'the number' is singular and requires a singular verb 'has increased'.

97. (b); Since the flow of information is in the same direction, the two parts of the sentence should be connected by conjunction 'and' not by 'but'. The conjunction 'But' is used when the flow of information is in opposite direction

98. (a); Fewer is used for 'countable' and less for 'uncountable'. In the given sentence, since 'problems' are countable, 'fewer' should be used.

99. (d); Singular pronoun 'its' should be used for Singapore

100. (b); Adjective 'unique' does not have a comparative or superlative degree. So, in the given sentence, it should be 'the gown was unique'

IBPS PO 2016 – MAINS : PRACTICE SET

REASONING ABILITY

Directions (1-5): Read the following information carefully and answer the questions given below.

Ten students G, H, I, J, K, L, M, N, O and P have come for audition for a rock band in the college. The college wants to select a Rock Band for its new event at the Fest. Among them, two are drummers, three are guitarists, three are pianists and the remaining are bassists. The band should contain at least one instrumentalist from the above four.

- If H is selected, then P is not selected. One between O and M must be selected.
- H and L are experts in the same instrument, but are not pianists.
- Either K or I is selected in the Band. Neither of them is a guitarist. They play different instruments.
- If M, a bassist, is selected, then no other bassist is selected. N is either a drummer or a pianist.
- J has better expertise than O in playing the same instrument, but neither of them is a guitarist or a drummer. If the company wants to select only one person from their field then it can be neither J nor O.
- G, O and H are experts in different instruments.

1. If K is a drummer and the college wants to select a band of four persons then which of the following is a possible band?
 - (a) N, K, G, L (b) O, P, M, N (c) M, H, K, I
 - (d) K, J, P, O (e) None of these
2. If N is a pianist and all the three pianists are selected for the band, then who all are the co pianists
 - (a) O, M (b) K, I (c) N, I
 - (d) J, O (e) None of these
3. If K and N are not selected for the band and two drummers are selected for the band, then who are they?
 - (a) I, K (b) J, I (c) G, I
 - (d) H, J (e) None of these
4. If K is a bassist and all the bassists are selected for the band, then who is another co-bassist?
 - (a) G (b) M (c) I
 - (d) P (e) J
5. If the pianists J, O, N are selected for the band, then who among the following can be the Guitarists?
 - (a) G, H, P (b) L, H, G (c) L, H, P
 - (d) P, H, M (e) None of these
6. **Statement:** The decision to pick Reserve Bank of India Deputy Governor Urjit Patel as the successor to outgoing Governor Raghuram Rajan is a clear affirmation of the Centre's commitment to ensure policy continuity at the central bank and to minimize the bad debts which brings banks on back foot previous year. That the man chosen for the top job at the RBI is a person, who helped formulate

crucial changes in the monetary framework, including the decision to target a specified inflation level as the primary remit of the bank, reflects the administration's focus on making price stability central to its economic agenda.

What will be the major **challenge(s)** for Urjit Patel in near future?

- I. The new governor may have to cut rates sharply to let growth take place in a broad-based manner.
- II. Public sector banks reported heavy bad debts under RBI's asset quality review during previous financial year. This must be a challenge for new governor.
- III. Inflation will be a challenging factor for new governor. It has started inching up, led by food prices even as global commodity prices, particularly that of oil has started picking up.
 - (a) All of the above (b) All except II (c) Only I and II
 - (d) Only I (e) None of these

Directions (7 – 11): In each of the following questions below are given four statements followed by four conclusions I, II, III and IV. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically does not follow from the given statements disregarding commonly known facts.

7. **Statements:** Some trains are cars. All cars are branches. All branches are nets. Some nets are dresses.

Conclusions:

- I. Some dresses are definitely cars.
- II. All nets are trains.
- III. At least some branches are trains.
- IV. All dresses being trains is a possibility.
 - (a) I and II (b) II and III (c) IV and I
 - (d) III and IV (e) None of these

8. **Statements:** All papers are clips. Some clips are boards. Some boards are lanes. All lanes are roads.

Conclusions:

- I. Only roads are boards.
- II. Some lanes are clips.
- III. Some boards being papers is a possibility.
- IV. All roads are clips.
 - (a) I and II (b) Only III (c) I, II and III
 - (d) II, I and IV (e) None of these

9. **Statements:** Some pencils are kites. Some kites are desks. All desks are jungles. All jungles are mountains.

Conclusions:

- I. All mountains are not pencils.
- II. Some jungles are definitely pencils.
- III. Some mountains are not desks.
- IV. 20% jungles are kites.

- (a) I and III (b) I, II and III (c) Only IV
(d) II, III and IV (e) None of these

10. **Statement:** All stones are hammers. No hammer is ring. Some rings are doors. All doors are windows.

Conclusions:

- I. At least some windows are stones.
II. At most windows are rings.
III. Some hammers are stones.
IV. All rings being stones is a possibility.

- (a) Only I (b) Only II (c) Only I and IV
(d) Only I or III (e) Only III and II

11. **Statement:** All pens are clocks. Some clocks are tyres. Some tyres are wheels. Some wheels are buses.

Conclusions:

- I. All buses are tyres.
II. All wheels are clocks.
III. Some wheels are not pens.
IV. Some buses are definitely clocks.

- (a) None follows (b) Only I (c) Only II
(d) Only III (e) Only IV

12. **Statement:** Foreign lender HSBC has decided to shut down some of its branches in the country citing that more customers are availing banking services through the digital medium rather than going to branches.

Which of the following may be the **reason(s)** for the shutdown of branches in India?

- I. The private banking space is hugely competitive. Few decades ago, foreign banks had an edge in the private banking space because of quality service, global investment tools and an untapped market. Today, the likes of ICICI Bank and Axis Bank have stormed the market with similar product offerings.
II. HSBC Bank was in the news due to the black money probe. The bank leaked a list of account holders who illegally stashed funds in the foreign bank to escape income tax scrutiny. The Income tax department had attached bank accounts worth Rs 2,300 crore of 20 people named in the HSBC black money list.
III. The Indian economy is yet to see a big pick up despite being in the bright spot as India is more consumption-oriented than other emerging markets such as China or Brazil.
(a) Only I (b) Only I and II (c) All of the above
(d) All except II (e) None of the above

Direction (13 – 17): Study the following information and answer the questions that follow:

In Guntur village of Andhra Pradesh, a mass marriage ceremony is organized by a NGO founder Aniket Kumar in which eight friends P, Q, R, S, T, U, W and Z are participating and they are sitting in circular shape for wedding. They are not facing towards the Centre. Some different types of saree which are liked by eight friends are Banarsi, Silk, Sambalpuri and Taant, and each saree is liked by two friends, but not necessarily in the same order. These friends are from different districts of Kerala,

viz. Ernakulum, Idukki, Kannur, Kollam, Kottayam, Palakkad, Wayanad and Thrissur.

No two friends wearing the same type of saree are sitting adjacent to each other except those who is wearing Sambalpuri saree. Friends, who are wearing Taant saree, are sitting opposite to each other. S is neither from Thrissur nor from Kannur. Friend who is from Wayanad is sitting on the immediate right of friend who is from Thrissur. R, who is from Kollam, is wearing Banarsi saree. She is sitting on the immediate right of U, who is wearing sambalpuri saree. U is not from Kannur. Q, who is from Idukki, is neither wearing Taant nor Banarsi or Silk saree. Q is sitting opposite to T. Only P, who is from Palakkad is sitting between T, who is from Wayanad and the friend who is from Kottayam. Both the friends who is wearing Silk saree are sitting adjacent to friend who is wearing Taant saree.

13. Who among the following is from Ernakulum?

- (a) W (b) U (c) Z
(d) Can't say (e) None of these

14. Z belongs to which district?

- (a) Thrissur (b) Kottayam (c) Kannur
(d) Can't say (e) None of these

15. Who among the following friends wears Taant saree?

- (a) P and Q (b) P and R (c) W and Z
(d) Data inadequate (e) None of these

16. Who among the following friend belongs to Thrissur if all of them are arranged in the alphabetical order in clockwise starting from P?

- (a) Z (b) W (c) Both (a) & (b)
(d) Can't Say (e) None of these

17. Which of the following statements is false?

- (a) The person from Palakkad is sitting opposite to the person from Ernakulum.
(b) The person from Idukki is sitting opposite to the person from Wayanad.
(c) Z and W are sitting opposite to each other.
(d) S belongs to Kannur district.
(e) None of these

18. **Statement:** Reliance Jio SIM is now said to be available for purchase by anyone with a 4G phone. Multiple users on Twitter are reporting that they've been able to purchase a Reliance Jio SIM with their non-Lyf/ Samsung/ LG phone, though others claim that the Reliance Digital officials are unaware of this new offer. It has emerged that Reliance Jio has opened its Jio Preview offer to more Samsung smartphones and selected LG smartphones, which means owners of these smartphones can walk in to the nearest Reliance Digital or Xpress Mini Store to get a new Jio SIM with 3 months of unlimited data, voice calling, and SMS, as well as access to Jio apps and services like Jio on Demand.

Which of the following can be **inferred** from the given statement? (An inference is something that is not directly stated but can be inferred from the given information)

- I. These changes would improve the economics of building up internet services.

II. Reliance Jio is enhancing its cost base in mobile infrastructure.

- (a) Only I (b) Only II (c) Either I or II
(d) Neither I nor II (e) Both I and II

Directions (19-23): Read the following information carefully and answer the questions given below.

12 erasers named A to L are placed at a different hour division of a clock. B is at 7th hour division. E is opposite to K. L is at 60° from A. K is to the immediate left of H. H is at 90° from C which is 60° from D. F is at 11th hour division. F is adjacent to K and J. G is at 30° from I.

19. What is the angle between E and H?

- (a) 135° (b) 150° (c) 120°
(d) 170° (e) 130°

20. If A is at 5th hour division then which is placed at 3rd hour division?

- (a) L (b) G (c) I
(d) Cannot be determined (e) None of these

21. Which is placed opposite to G?

- (a) C (b) D (c) B
(d) Cannot be determined (e) H

22. What is the angle between F and B?

- (a) 240° (b) 180° (c) 60°
(d) 30° (e) 150°

23. Who among the following are the immediate erasers of H?

- (a) K,F (b) D,K (c) K,J
(d) G,D (e) None of these

24. **Statement:** Prime Minister Narendra Modi on Friday announced the setting up of a task force after failure of sportsperson in RIO olympics which will help to plan for the "effective participation" of Indian sportspersons in the next three Olympics, to be held in 2020, 2024 and 2028.

He made the announcement at the monthly meeting of the Union Council of Ministers and said the structure of the task force would be in place in next few days.

Which of the following is/are **not in line** in contrast with the given statement?

- I. The task force will prepare an overall strategy for facilities, training, selection procedures and other related matters.
II. The task force will comprise of members who are in-house experts as well as those from outside.
III. Poor infrastructure and training facilities for athletes and political interference in sports have been flagged as reasons for the poor performance in current year.
(a) All except II (b) Only II (c) All except I
(d) All of the above (e) None of these

25. **Statement:** A five-member committee has recommended that the government reinstate detention of students beyond Class V and also set up an all-India cadre of educational services on the lines of the Indian Administrative Service (IAS) in its report on the new education policy. The committee has written strongly in favour of remedial classes for such students during holidays and after school hours. They will be given three

attempts to clear the examination in the same year.

Which of the following can be **postulated** from the given information?

- (a) Foreign universities are allowed to set up campuses in India under a strict regulatory framework and thus quality of education will improve in the country.
(b) Under this new education policy, fewer students will move to higher classes as compared to earlier.
(c) The quality audit of all higher education institutions, both private and public, leads to improving the literacy rate of the country.
(d) There will be strong focus on value education.
(e) None of these.

Directions (26-30): Each of the questions below consists of a question and two or three statements given below it. You have to decide whether the data provided in the statements are sufficient to answer the questions.

26. A, B, C, D, E, F and G are seven policemen standing in a column (not necessarily in the same order) facing east. Who is exactly in the middle?

- I. The number of persons between D and F is equal to that between G and D.
II. A, who is 5th from left end, is 3 positions away from C.
III. B and A are adjacent to each other, so are E and D.
(a) Either I or II or III (b) Only II (c) Only I
(d) All are needed (e) None of these

27. How many sons and daughters does Amit have?

- I. Amit's wife says she has number of sons twice the number of daughter.
II. Tom, who is one of the sons of Amit, says that he has one-and-a-half times as many sisters as brothers.
III. Tinu, who is one of the daughters of Amit, says that she has 4 times as many brothers as sisters.
(a) Any one of them (b) Any two of them
(c) Either II or III (d) Either I or III
(e) None of these

28. What is the code for 'rope' in a code language?

- I. 'use the rope' is written as 'nik ta re' in the code language.
II. 'rope is straight' is written as 'pe da ta'.
III. 'always use rope' is written as 'ma re ta'.
(a) Only I and II (b) Only II and III
(c) Only I and III (d) Either a or b
(e) Can't be determined

29. Who amongst Aniket, Neeraj, Saurabh, Meena and Anil is the first to take the lecture?

- I. Aniket takes lecture before Meena and Neeraj but after Anil.
II. Saurabh is not the first to take the lecture.
III. Meena is not the last to take the lecture.
(a) Only I (b) Only I and II
(c) Only I and either II or III (d) All I, II and III are necessary
(e) Can't be determined

30. What is Avantika's rank from top in a class of 45 students?

- I. Avantika is five ranks below Samir, who is 15th from the

bottom.
 II. Radha is 30th from the top and Neera is 4th from the bottom.

III. Avantika is exactly in the middle of Radha and Neeta.

- (a) Only I (b) Only II and III
 (c) Either only I or Only II and III
 (d) Only III (e) None of these

31. Statement: Brazil, just like India, is still a developing nation and the mammoth expenditure on the Football World Cup led to wide scale protests against then Brazilian PM Dilma Rouseff. They spent millions of dollars on single stadiums which would become useless after the World Cup while their nation lacks proper Healthcare facilities like Hospitals.

Similarly, their Olympics preparations are equally shabby with frequent reports of athletes facing huge discomfort in the Games Village. There were also reports that Athletes in Water Surfing and related events were asked to keep their "mouths closed" due to contaminated water.

Should these big events like FIFA and Olympics be hosted in developing countries?

- I. Yes, Hosting a mega-event always involves urban renewal and development.
 II. No, Building new infrastructure in a city means destroying established urban areas. When that happens, local populations and communities are often dispersed and displaced.
 III. Yes, Such events always promote infrastructure redevelopment, improved transportation systems, economic growth and job creation.

Which of the following argument(s) holds strong?

- (a) Only II and III (b) Only I and II
 (c) Only II (d) All of the above
 (e) None of these

Directions (32-36): Study the following information carefully and answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement (All the numbers are two digit numbers).

Input: shiever 82 16 sailor 19 shares 61 91 scanty shouts 28 shorts
 Step I : 61 shiever 82 sailor 19 shares 61 scanty shouts 28 shorts 19
 Step II : 61 91 shiever sailor shares 61 scanty shouts 28 shorts 28 19
 Step III: 61 91 82 shiever sailor shares scanty shouts shorts 16 28 19
 Step IV : 61 91 82 sailor shiever shares scanty shouts shorts 16 28 19
 Step V : 61 91 82 sailor scanty shiever shares shouts shorts 16 28 19
 Step VI: 61 91 82 sailor scanty shares shiever shouts shorts 16 28 19
 Step VII: 61 91 82 sailor scanty shares shiever shorts shouts 16 28 19
 Step VII is the last step of the above arrangement.

As per the rules followed in the steps given above, find out in each of the following questions the appropriate step for the given input.

Input: sovrans source 18 63 soviet 36 sowars 15 81 souter sowans 51

- 32.** Which of the following step would be step IV?
 (a) 51 81 63 source sovrans soviet souter sowars 15 36 18
 (b) 51 81 63 source sovrans soviet souter sowars sowans 15 36 18
 (c) 51 81 63 source sovrans soviet sowars souter sowans 15 36 18
 (d) 51 81 63 source sovrans soviet sowars sowans souter 15 36 18
 (e) None of these
- 33.** Which of the following would be at the 7th position from the right end in penultimate step?
 (a) Sovrans (b) souter (c) sowars
 (d) sowans (e) soviet
- 34.** How many elements (words or numbers) are there between 'soviet' and '18' as they appear in the last step of the output?
 (a) Six (b) Eight (c) Four
 (d) Five (e) Seven
- 35.** Which of the following represents the position of 'sowars' in the fourth step?
 (a) Seventh from the left (b) Sixth from the left
 (c) Fifth from the right (d) Sixth from the right
 (e) Both (a) and (d)
- 36.** Which step number would be the following output?
 51 81 63 source souter soviet sovrans sowars sowans 15 36 18
 (a) Step IV (b) Step V (c) Step VI
 (d) Step VII (e) There will be no such step
- 37. Statement:** The Union government permitted 100per cent foreign direct investment (FDI) under government approval route for almost every sector, including defence. "With these changes, India is now the most open economy in the world for FDI."
 Which of the following is/are not the possible impact(s) of the new 100per cent FDI rule in India?
 I. With the advent of new FDI norms, there will be creation of employment.
 II. It leads to investment in India which results in appreciation of the Rupee.
 III. It helps in better production, leading to increased GDP.
 IV. It would affect our internal security.
 V. It may exploit the domestic resources without giving benefits to domestic country.
 (a) All except IV (b) All except V
 (c) All except IV and V (d) Only IV and V
 (e) Only V

Direction (38-42): Study the following information carefully and answer the questions.

Four family members P, Q, R and S are going to the different Mall viz; Wave, DLF, Ambience and Sahara (not necessarily in the same order), for the shopping of different items on the same day viz; Saree, Jewellery, Jeans, Gown but not necessarily in the same order, at different time which are 9am, 12pm, 10am and 11am (not necessarily in the same order).

S is going to just after when another member is going to WAVE, which is going just after the member who is going for the shopping of Saree. The member, who is going to SAHARA, is going at least two hours later than Q. The member, who is going

to AMBIENCE, is going just after the member who is going for the shopping of Gown, who is going just after P. The definite information which was given about three among four was: R, the one who is going for the shopping of Jewellery and the one who is going at 11am.

38. Who among the following is going to Wave mall?
 (a) S (b) Q (c) P
 (d) R (e) None of these
39. R is going for the shopping of which of the following item?
 (a) Jewellery (b) Jeans (c) Saree
 (d) Gown (e) None of these
40. Who among the following is going to DLF mall?
 (a) R (b) S (c) Q
 (d) P (e) None of these
41. To which of the following mall, the member is going at 12 pm?
 (a) AMBIENCE (b) DLF (c) SAHARA
 (d) WAVE (e) None of these
42. Who among the following member is going to the shopping at last?
 (a) R (b) S (c) Q
 (d) P (e) None of these
43. **Statement:** In a historical move for the country, the 122nd Constitutional Amendment Bill to introduce the Goods and Services Tax (GST) was unanimously passed by Parliament this session. Widely believed to be the most important tax reform since 1991, the GST will transform India into a unitary market, lower transaction and logistics costs, spread the tax net wider and propel investments and growth.
 Is GST bill a panacea for Indian economy?
- I. Yes, GST is going to create a unified India in terms of taxation and thus will improve the ease of doing business ranking of India.
- II. No, The implementation of GST could impact the existing processes, people and technology.
- III. No, GST would impact negatively on the real estate market.
- IV. Yes, It will help to build a transparent and corruption-free tax administration.
- Which of the following arguments holds strong?
 (a) All of the above (b) All except III
 (c) Only I and IV (d) Only I
 (e) Only I, III and IV

Direction (44-48): Study the given information carefully to answer the given question.

The seven brothers M, N, O, P, Q, R and S of Gupta's family buy a building of seven floors in Mumbai. And they live on different floors but not necessarily in the same order. The lower most floor of the building is numbered 1, the one above that numbered 2 and so on till the topmost floor are numbered 7. Each brother of Gupta's family consumes beers of different brands—Kings, Corona, Grolsch, Heineken, Carlsberg, Budweiser, Haywards but not necessary in the same order. They

all are fond of expensive bikes. Each one have bike of different brands viz. Yamaha, BMW, Harley Davidson, Suzuki, Hero, Bajaj and Ducati (But not necessarily in the same order.)

M lives on an odd numbered floor but not on the floor numbered 3. M consumes beer of Grolsch brand. The one who have Hero bike lives immediately above M. Only two people live between P and the one who have Hero bike. No one consumes beer of Carlsberg brand who lives on floor number 2 or 4. The one who have BMW bike lives on one of the odd numbered floors above P. Only three people live between O and the one who have BMW bike. The one who have Suzuki bike consumes beer of Kings brand. The one who have Harley Davidson lives immediately above O.

The one who have Yamaha bike lives immediately above the one have Ducati bike. The one who have Ducati bike does consume beer of Carlsberg brand. S lives on an odd numbered floor. N consumes beer of Corona brand. Only one person lives between N and Q. The person who consumes beer of Haywards brand have Bajaj bike. N lives on one of the floors above Q. Neither O nor M have Suzuki bike. Q does not consume beer of Budweiser brand. Q does not have Harley Davidson.

44. Which of the following bike does M have?
 (a) Bajaj (b) Ducati (c) Harley Davidson
 (d) BMW (e) Yamaha
45. Which of the following combinations is true with respect to the given arrangement?
 (a) Bajaj-O- Haywards (b) BMW-R-Corona
 (c) Ducati-S- Carlsberg
 (d) Hero-P-Carlsberg (e) Suzuki-N-Kings
46. If all the people are made to sit in alphabetical order from top to bottom, the positions of how many people will remain unchanged?
 (a) Four (b) None (c) Two
 (d) One (e) Three
47. Which of the following statements is true with respect to the given arrangement?
 (a) The one who has Ducati bike lives immediately below M.
 (b) R have BMW bike.
 (c) None of the given options is true.
 (d) Only four people live between P and S.
 (e) S lives immediately below Q.
48. Who amongst the following lives on the floor numbered 2?
 (a) N (b) The one who likes corona
 (c) The one who likes kings
 (d) P (e) R
49. **Statement:** India's Mars Orbiter Mission marks the country's first mission to the Red Planet and first entry into interplanetary spaceflight. The unmanned Mars Orbiter Mission, or MOM, will map the surface of the Red Planet and test technologies needed for future Indian space missions. The mission is a "technology demonstrator" project to develop the technologies for designing, planning, management and operations of an interplanetary mission.
 What are the advantages of Mars Orbiter Mission for

- India?
- I. It has given a huge boost to the image of India in the world. It will also generate interest among the youths of India and world over to pursue science and technology as career. Thus, it gives a moral boost.
 - II. This success will definitely bring more enthusiasm towards R&D activity related to science and technology. An increase in funding for such activities is imminent in the future.
 - (a) Only I (b) Only II (c) Both I and II
 - (d) Neither I nor II (e) Either I or II
- 50. Statement:** Faced with infighting in the party and huge disenchantment on the ground, beleaguered Gujarat Chief Minister Anandiben Patel offered to resign and asked the BJP to select a new face.
- By offering to quit, she has pre-empted any move to remove her. Her decision comes at a time when the BJP's

- long dominance in the State appears to be under strain, just a year before the Assembly elections.
- Will Anandiben Patel's resignation take BJP on back foot?
- I. No, it doesn't because one of the important factors behind her resignation is age factor. Also, she was not able to tackle the protests and violence. Thus, it is neither a win-win situation nor does it take BJP on back foot.
 - II. Yes, definitely. The instability in the state post the Patel upsurge, the deterioration in health and education sectors, the snail-slow employment rate are few of the many factors for her resignation. This will not just affect the BJP in Gujarat but also around the country.
 - III. Yes, as the opposition especially the pseudo seculars would say that Gujarat BJP lacks Women Leadership. Which of the following arguments holds strong?
 - (a) All of the above (b) All except I (c) All except II
 - (d) All except III (e) None of the above

QUANTITATIVE APTITUDE

Directions (51-55): Given below is the information regarding the number of children in 5 different societies. Study the information carefully and answer the following questions:

The ratio of male children to female children in society A is 2 : 3, while the difference between them is 45. The total number of children in society A is 30% of the total population of this society. In society B there are 65 female children which is 26% of the total children of society B and $8\frac{1}{8}\%$ of the total population of this society. The total number of children in society C is 325 out of which $\frac{8}{13}$ are male. The female children in society C is $12\frac{1}{2}\%$ of the total population of this society.

In society D, total number of children is 40% of the total population. Male children in this society were $66\frac{2}{3}\%$ of the female children in this society. Total children in society D are 370.

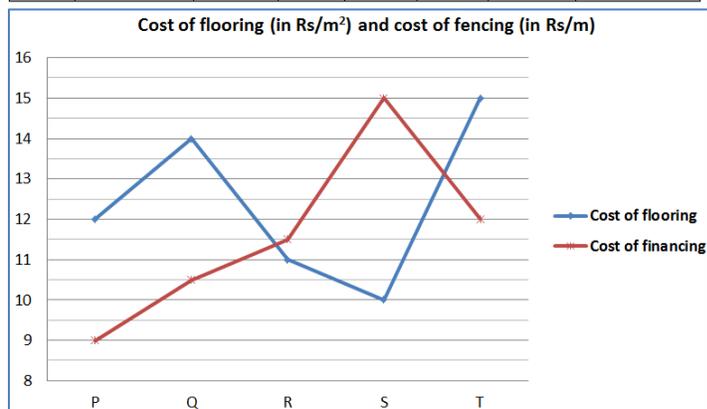
Total population of society A,B,C,D and E together is 4000. Total children in society E is 56% of the population of this society while the difference between number of male children and female children in this society is 66. (male children are more than female children in society E)

51. What is the total population of society E ?
 - (a) 500 (b) 550 (c) 525
 - (d) 575 (e) None of these
52. What is the ratio between number of female children in society A to the male children in society E ?
 - (a) 1 : 2 (b) 2 : 3 (c) 3 : 4
 - (d) 4 : 5 (e) None of these
53. Female children in society E is what percent of the total population of this society ?
 - (a) $21\frac{3}{7}\%$ (b) $21\frac{5}{7}\%$ (c) $21\frac{6}{7}\%$
 - (d) $22\frac{1}{2}\%$ (e) None of these

54. Find the total number of female children in all societies together.
 - (a) 650 (b) 655 (c) 658
 - (d) 661 (e) None of these
55. Total number of children in society A, B and C together forms what percent of the population of these 3 societies.
 - (a) $31\frac{19}{51}\%$ (b) $32\frac{22}{51}\%$ (c) $33\frac{1}{3}\%$
 - (d) 35% (e) None of these

Directions (56-60): Given below is the table showing the data related to 5 different fields of different shapes and their corresponding dimensions, area and circumference. Some of the values are missing. You are expected to calculate the missing values, if necessary and answer the questions given below.

Field Name	field shape	Side (in m)	Base (in m)	Height (in m)	Radius (in m)	Area (in sq. m)	Perimeter/ circumference (in m)
P	Triangular	—	78	24	—	—	—
Q	Rectangular	94 x —	—	—	—	7050	—
R	Square	89	—	—	—	—	—
S	Parallelogram	75 x 96	—	—	—	4500	—
T	Circular	—	—	—	—	—	110

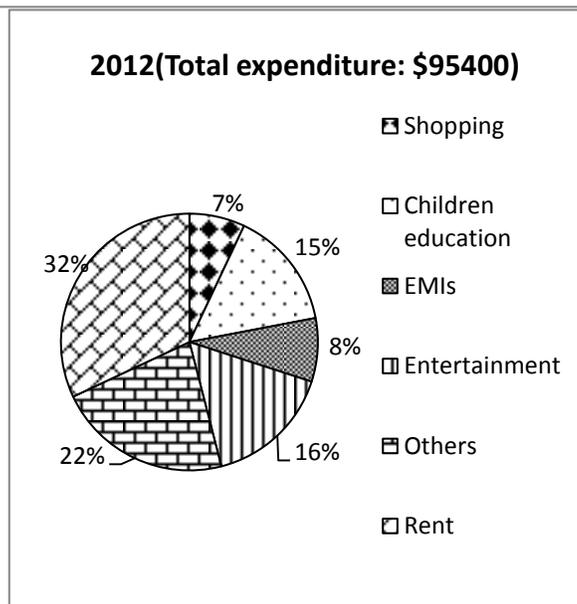
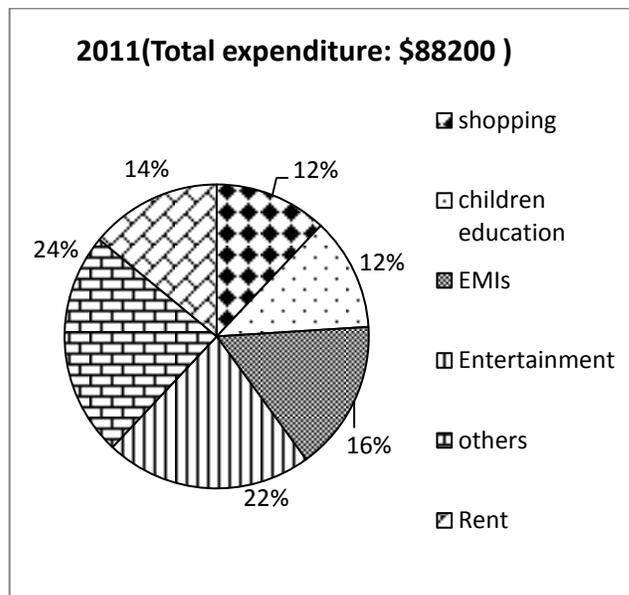


56. Cost of fencing of the plot which is rectangular in shape is approximately what percent of the cost of flooring of plot T? (round off to 2 decimal places)
 (a) 20.42% (b) 21.84% (c) 24.58%
 (d) 22.94% (e) 23.74%
57. If the triangular field is in the shape of right angled triangle with the same base and height as given in table then find the difference between cost of fencing and cost of flooring of this field.
 (a) 9510 Rs. (b) 9475 Rs. (c) 9550.4 Rs.
 (d) 9579.6 Rs. (e) 9670 Rs.
58. If the field R is in the shape of circle instead of being square with the radius equal to side of square then find the percentage increase in cost of flooring of field R as compared to the initial cost of flooring . (approximate)
 (a) 214% (b) 220% (c) 250%
 (d) 210% (e) 200%
59. What is the difference between the cost of fencing and flooring of triangular field together and the same for the rectangular field ? (assume the triangular field in the shape of right angled triangle)
 (a) 101149 (b) 101199 (c) 104151
 (d) 104199 (e) None of these
60. What is the sum of cost of flooring all the fields ? (in Rs.)
 (a) 256500.5 (b) 255500.5 (c) 258500.5
 (d) 261500.5 (e) None of these

Directions (61-65) : In the following number series one of the number is wrong. Find out the wrong one, put it in place of (a) and form a new series based on the same pattern as given in question and find the number that should come in place of (e).

61. 17 18 34 105 416 2075
 (a) (b) (c) (d) (e)
 (a) 49108 (b) 49408 (c) 49708
 (d) 49808 (e) 51408
62. 18 19 23 48 306 3431
 (a) (b) (c) (d) (e)
 (a) 320 (b) 336 (c) 350
 (d) 369 (e) 375
63. 10 26 58 120 250
 (a) (b) (c) (d) (e)
 (a) 2010 (b) 2018 (c) 2020
 (d) 2025 (e) 2030
64. 88 176 308 464 577.5
 (a) (b) (c) (d) (e)
 (a) 3025 (b) 3125 (c) 3010
 (d) 3015 (e) 3045
65. 115 121 133 153 185
 (a) (b) (c) (d) (e)
 (a) 250 (b) 253 (c) 248
 (d) 192 (e) 198

Directions (66-70): The following graph show the percent distribution of expenditure of a family in 2011 and 2012. Read the pie charts carefully and answer the following question:



66. Find the percentage increase/decrease on money spent on 'Others' in 2012 as compared to money spent on 'others' in previous year.
 (a) 0.85% decrease (b) 0.85% increase
 (c) 0.89% decrease (d) 0.89% increase
 (e) None of these
67. Ratio of total money spent in 2011 (excluding Shopping) to total money spent in 2012 (excluding Entertainment) is :
 (a) 164 : 159 (b) 174 : 182 (c) 134 : 169
 (d) 154 : 159 (e) None of these
68. If $22\frac{2}{9}\%$ of the money spent on others in both years together was spent on food, then money spent on food in 2 years is approximately what percent of total money spent on Children education in both years?(round off to 2 decimal places)
 (a) 40.43% (b) 37.63% (c) 39.53%
 (d) 38.53% (e) 50.03%

69. Money spent on which part in 2 years together is highest ?
 (a) Children education (b) Others
 (c) Entertainment (d) Rent (e) Shopping
70. Find the difference between average money spent on 'Others' in 2 years to average money spent on 'Children education' and 'EMI' together in 2 years.
 (a) 2441\$ (b) 2234\$ (c) 2245\$
 (d) 2231\$ (e) None of these

Directions (71-75): Given below are 3 statements with each question, you have to decide that which of the following statement/statements are necessary to answer the question.

71. X, Y and Z secured 45%, 50% and 60% marks respectively in Biology. W's marks in Biology is 12.5 more than X's marks and 4 less than Z's marks. Find out the individual marks of four students.

A. For the students total marks obtained for Biology is 311.5.

B. Total of W's and X's marks in Biology is 147.5.

C. Z has obtained 84 marks.

- (a) A and B together (b) Only C
 (c) A and either B or C (d) All together
 (e) None of the above

72. The money is to be distributed among P, Q and R. What will be R's share in it?

A. The difference between R's and Q's share is Rs 100.

B. P's share is Rs 270.

C. The ratio of the shares of Q and R is 3 : 7.

- (a) Only A (b) A and C together
 (c) All are not sufficient (d) All are required
 (e) None of these

73. Two persons Ramu and Shyam entered into a partnership. Find the profit of Shyam.

A. Ramu and Shyam started the business with a capital of Rs 12000 and Rs 9000 respectively.

B. Ramu invested the money for two months more than Shyam.

C. Ramu's share in the total profit at the end of first year is Rs 1500 more than that of Shyam.

- (a) Only A and B together (b) Only A and C together
 (c) Any two of them

(d) All statements are required

(e) Question can't be answered even using all the statements

74. What is the cost price of the book?

A. After allowing a discount of 18% on printed price shopkeeper charges Rs 516.60 for it.

B. If he had not allowed any discount, he would have a profit of 25%.

C. If he had allowed only 10% discount on printed price then he would have 12.5% profit.

- (a) Any two of them (b) A and Either B or C
 (c) Any one of them (d) All together is required
 (e) A and either B or C

75. At what time will a train reach Lucknow from Patna?

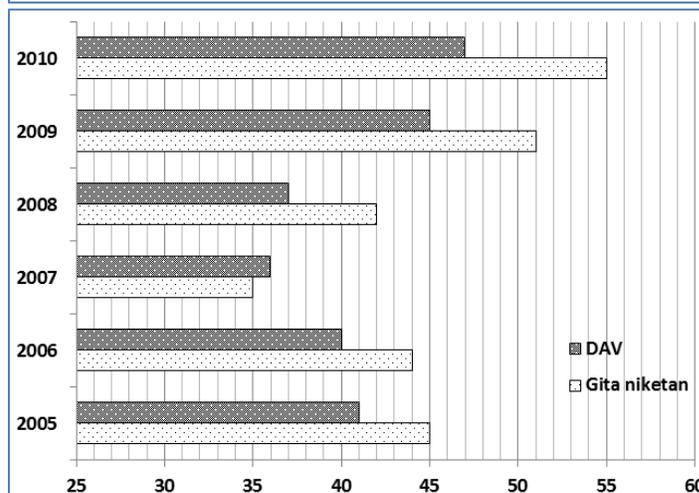
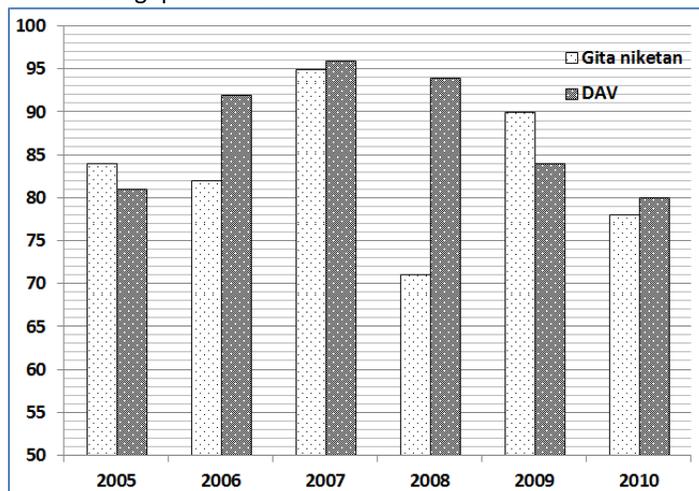
A. The train crosses another train of equal length of 200 m and running in opposite direction in 9 sec.

B. The train leaves Patna at 11:15 am for Lucknow, which is at a distance of 567 km.

C. The 97.50-m-long train crosses a signal pole in 5 sec.

- (a) Only A (b) B and C together
 (c) A and C together (d) All statements are required
 (e) Only B

Directions (76-80): Given below is the graph showing number of students participated (in hundreds) in NTSE (National Talent Search Exam) from 2 different schools from 2005-2010, the second graph shows the corresponding percentage of girls participated in this exam. Read the graphs carefully and answer the following questions:



76. Girls participated from DAV in 2007 is approximately what percent less/more than the boys participated from Gita Niketan in 2009 and 2010 together?

- (a) 56% (b) 42% (c) 50%
 (d) 44% (e) 58%

77. Find the difference between average no. of students participated from the 2 Schools over the years.

- (a) 4.5 (b) 45 (c) 415
 (d) 465 (e) None of these

78. If no. of boys participated from Greenfield public school in

2009 is 10% less than the total no. of girls participated from DAV and Geeta Niketan in that year. The boys participated in 2009 from Greenfield was 45% of the total students participated from greenfield in that year, then find the no. of girls participated from greenfield school in 2009?

- (a) 9428 (b) 8294 (c) 9211
(d) 9207 (e) 9084

79. Find the total number of boys participated from Gita Niketan in all years together

- (a) 23225 (b) 27425 (c) 28525
(d) 29625 (e) None of these

80. The difference between total number of boys participated and total number of girls participated from gita niketan in all years together is what percent of the total students participated from gita niketan in all years?

- (a) 9.7% (b) 9.1% (c) 9.6%
(d) 9.4% (e) None of these

81. For admission in a graduation program in Delhi university, 90% of the candidates who appeared for the written test were males and the rest were females, 60% of the males and 80% of the females passed in the written test. What is the total number of students who appeared for the written test, if the total number of passed candidates was 1240 ?

- (a) 2500 (b) 2000 (c) 2750
(d) 3500 (e) None of these

82. Two trains going on a parallel line in opposite directions take 10 second to cross each other. But if they are going in the same direction the longer train crosses the shorter train in 30 second. If the length of the longer train is decreased by 50%, the time taken to cross the shorter train while going in the same direction decreases by 8 second. Find the time taken by the longer train to cross a tunnel twice its length, if the difference between the length of the train is 25 m

- (a) 30 sec (b) 24 sec (c) 40 sec
(d) 36 sec (e) None of these

83. A cistern can be filled by two taps A and B coming from the same main pipeline in 20 and 30 minutes respectively. Both the taps are opened at the same time but due to partial closing of a valve in the main pipeline, tap A was supplying only $\frac{4}{5}$ th of its capacity and tap B, $\frac{5}{6}$ th of its capacity. After some time, the valve in the main pipeline was opened fully thereby enabling the two taps to supply at full capacity. It took another 5 minutes to fill the cistern completely. How long (approx) was it before the valve on the main pipeline opened ?

- (a) 7 min (b) 9 min (c) 11 min
(d) 13 min (e) 5 min

84. Three friends A, B and C started a venture with capitals in the ratio of 4 : 1 : 15. At the end of every quarter A halves his capital, while B doubles his capital and C leaves his capital untouched. This process is repeated till the end of the year. If at the end of the year B's share of profit is Rs. 22,000, what is the total profit ?

- (a) 88,000 (b) 1,10,000 (c) 1,21,000

- (d) 99,000 (e) None of these

85. There is a vessel holding 40 litre of milk. 4 litre of milk is initially taken out from the vessel and 4 litre of water is then poured in. After this, 5 litre of mixture is replaced with 5 litre of water. And finally 6 litres of the mixture is replaced with 6 litre of water. How much milk (in litres) is there in the vessel ?

- (a) 26.775 (b) 29.16 (c) 24.72
(d) 27.42 (e) None of these

86. The dimensions of a field are 20 m and 9 m. A pit 10 m long, 4.5 m wide and 3 m deep is dug in one corner of the field and the earth (mud) removed has been evenly spread over the remaining area of the field. What will be the rise the height of field as a result of this operation ?

- (a) 1.5 m (b) 2 m (c) 3 m
(d) 4m (e) 1 m

87. One bag contains 5 white and 3 black balls and a second bag contains 2 white and 4 black balls. One ball is drawn from the first bag and placed unseen in the second bag. What is the probability that a ball now drawn from the second bag is black?

- (a) $\frac{2}{7}$ (b) $\frac{5}{8}$ (c) $\frac{37}{56}$
(d) $\frac{25}{48}$ (e) None of these

88. A boat covers 12 km, upstream and 18 km downstream in 3 hours while it covers 36 km upstream and 24 km downstream in $6\frac{1}{2}$ hours, what is the velocity of the stream?

- (a) 1.5 km/hr (b) 1 km/hr (c) 2 km/hr
(d) 2.5 km/hr (e) None of these

89. A part of Rs. 38,800 is lent out at 72% for six months. The rest of the amount is lent out at 5% p.a. after one year. The ratio of interest after 3 years from the time when first amount was lent out is 5 : 4. Find the second part that was lent out at 5%.

- (a) 28800 (b) 29586 (c) 31776
(d) 32846 (e) None of these

90. Deepak mixes three qualities of tea T_1 , T_2 and T_3 priced at Rs. 74 per kg, 68 per kg and 63 per kg in the ratio of 1 : 2 : 4. He added some more quantity of T_1 to 4 kg of this mixture. He sold this new mixture for Rs. 84 per kg, there by making a profit of 20%. How much of T_1 did he mix with the mixture ?

- (a) 1 kg (b) 0.5 kg (c) 0.35 kg
(d) 4 kg (e) None of these

Directions (91-93): In the following questions, calculate quantity I and quantity II, compare them and answer

- (a) If quantity I > quantity II
(b) If quantity I < quantity II
(c) If quantity I \geq quantity II
(d) if quantity I \leq quantity II
(e) if quantity I = quantity II or no relation can be established
91. Quantity I \rightarrow rate of interest per annum in which Rs. 1225 amounts to Rs. 1960 in 10 years at simple interest.
Quantity II \rightarrow The rate at which certain principal amounts to

Rs. 11664 in 2 years and Rs. 12597.12 in 3 years at compound interest.

92. Quantity I \rightarrow Speed of stream, when a person goes a distance of 44 km upstream $3\frac{1}{7}$ hour and the same distance downstream in 2 hour.

Quantity II \rightarrow Speed of stream, when a boat take double time to cover a distance upstream to that while covering the same distance downstream and the speed of the stream is $33\frac{1}{3}\%$ of the speed of the boat.

93. Quantity I \rightarrow CP of an article, which is sold at 15% discount on marked price of Rs. 450 but still earning a profit of 27.5%
Quantity II \rightarrow CP of an article which when sold at 32% profit gave a profit of Rs. 12.6 more as compared to the profit earned when it is sold at 27.5% profit.

Directions (94-95): In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer,

- (a) if $x > y$ (b) if $x < y$
(c) if $x \geq y$ (d) if $x \leq y$
(e) if $x = y$ or no relation can be established

94. I. $\frac{x^3-13x+12}{(x-1)} = 0$ II. $\frac{y^3+5y^2-2y-24}{(y-2)} = 0$

95. I. $3(2x^2 - 5x + 4) - 2(2x^2 + 13x - 4) = 0$
II. $y(2y - 7 - \frac{3}{y}) - 4(y^2 + 3y + 8) = 0$

96. A, B, C, D and E are five taps. The capacity of B is 2 times that of A, the capacity of C is 3 times that of A. Capacities of D and E are 4 and 5 times that of A respectively. In first case A, C and E act as input pipes and B and D act as output pipes. In a second case, C, D, E act as input pipes and A and B act as output pipes. If A and B working together as input pipes can fill the tank in 4 hour, then what is the difference in the time required to fill the tank in the first and second case stated above?
(a) 4.44 hr (b) 3.33 hr (c) 2.22 hr

- (d) 1.11 hr (e) 2.67 hr

97. A person sells his table at a profit of $12\frac{1}{2}\%$ and the chair at a loss of $8\frac{1}{3}\%$ but on the whole he gains Rs. 25. On the other hand if he sells the table at a loss of $8\frac{1}{3}\%$ and the chair at a profit of $12\frac{1}{2}\%$ then he neither gains nor loses. Find the cost price of the table and the chair.

- (a) Rs. 360, Rs. 240 (b) Rs. 380, 260 (c) Rs. 400, Rs. 420
(d) Rs. 360, 410 (e) none of these

98. In an examination the percentage of students qualified to the number of students appeared from school 'A' is 60%. In school 'B' the number of students appeared is 30% more than the students appeared from school 'A' and the number of students qualified from school 'B' is 60% more than the students qualified from school 'A'. What is the percentage of students qualified to the number of students appeared from school 'B'?

- (a) 70% (b) 75% (c) $73\frac{11}{13}\%$
(d) $71\frac{11}{13}\%$ (e) None of these

99. One trader calculates the percentage of profit on the buying price and another calculates on the selling price. When their selling prices are the same, then the difference of their actual profits is Rs. 85 and both claim to have made 20% profit, what is the selling price of each?

- (a) Rs. 1700 (b) Rs. 2100 (c) Rs. 2550
(d) Rs. 2750 (e) None of these

100. A shopkeeper bought 150 bags at the rate of Rs. 250 per bag. He spent Rs. 2500 on transportation and packing. If the marked price of bag is Rs. 320 per bag and the shopkeeper gives a discount of 5% on the marked price then what will be the percentage profit gained by the shopkeeper?

- (a) 20% (b) 14% (c) 15%
(d) 16% (e) None of these

ENGLISH LANGUAGE

Directions (101-110): Read the passage carefully and answer the questions given below it. Certain words/phrases are given in bold to help you locate them while answering some of the questions.

A Reserve Bank of India panel has submitted a report on financial inclusion. It proposes that priority sector lending by banks be raised and that banks be mandated to open accounts for every adult Indian by January 2016. The recommendations do not challenge the RBI's basic approach to financial inclusion. This approach, which has been to **mandate** banks to undertake financial inclusion, might have spread public sector bank branches in rural areas for some years, helped open bank accounts and directed credit, but it has stopped yielding results. What India needs is a new approach, which encourages competition and innovation, rather than more mandates.

India's approach to financial inclusion has been bank-

centric. So far, it has focused on bank nationalisation, continued with government ownership of banks and their recapitalization. The way to ensure inclusion has been priority sector lending, which mandates that 40 per cent of each bank's lending be to weaker sectors – small-scale industries, agriculture and exports – to which the bank might not have lent otherwise. The RBI panel now recommends raising this share to 50 per cent.

The panel's recommendations are in sync with the RBI's recent guidelines for the grant of licences to new banks. These require that the bank have a plan for financial inclusion and that it open 25 per cent of its branches in unbanked rural areas. This approach is similar to the one that required PSU banks to open rural branches. By once again mandating financial inclusion, this time for private sector licence applications, instead of focusing on competition and innovation, the RBI is essentially doing more of the same.

Financial inclusion may be defined as access to a range of financial services in a convenient, flexible, reliable and continuous manner from formal, regulated financial institutions. Even though access can be ensured by mandates, the quality parameters of access may be compromised in the process. This is seen in the low usage of accounts and the poor asset quality of priority sector portfolios. Such inclusion confuses ends with means. A bank account is meant to fulfil certain functions—simply opening an account is not enough. The panel proposes to make it mandatory for every Indian over the age of 18 to have a bank account.

An often **overlooked** consequence of the mandate-driven approach to inclusion, as pursued by the RBI, is that the costs of this inclusion are **levied** on the investors and consumers of banks. The losses from unused bank accounts and poorly performing priority sector assets are eventually **borne** by the investors and consumers. If the political objective of opening bank accounts is to be met, or lending to certain sectors ensured, it should be transparent as a line item on the government's budget. Instead, it is done through a cross-subsidy that effectively makes other customers pay for the political goals of a government pushing its agenda through banks.

This approach has been accompanied by a neglect of the other drivers of inclusion—competition and innovation. In the last 11 years, the Indian economy has grown rapidly, but no banking licences have been given in this time. The trend has been that once a decade, the RBI decides to give a few licences, but there is no **window** to get licences during this period. The incumbent banks feel little or no pressure to reach out to unbanked areas and people with their services. This, in turn, necessitates a mandate-driven approach to financial inclusion. Despite decades of RBI mandates, rural customers turn to informal channels of RBI mandates, rural customers turn to informal channels and unregulated financial firms.

101. What was the basic purpose of the RBI's financial inclusion?

- (a) To spread public sector bank branches in rural areas
- (b) To provide financial assistance to farmers and artisans at a lower rate
- (c) To encourage competition between private and public sector banks
- (d) To force every Indian citizen to open bank accounts with public sector banks
- (e) None of these

102. According to the passage, what is/are the conditions for granting licences to new banks as per the recent recommendations of the RBI?

- (a) The entity seeking a licence for opening a new bank should have a minimum paid-up capital of Rs. 500 crore
- (b) All PSU banks should open at least 25 per cent of its branches in rural areas.
- (c) New banks should open one-fourth of their branches in unbanked rural areas.
- (d) At least twenty five per cent of total deposits received by a bank should be invested in central govt securities.

(e) All the above

103. What is the consequence of the mandate-driven approach to inclusion?

- (a) The mandate-driven approach to inclusion results into inclusion of such people as cannot continue their accounts for a longer period.
- (b) It enhances workload on bank staff, which results into poor service.
- (c) Such an approach to inclusion defeats the very purpose of financial inclusion.
- (d) The losses from unused bank accounts are eventually borne by the investors and consumers.
- (e) None of these

104. Find the correct statement(s) on the basis of the given passage.

- (a) India's approach to financial inclusion has focused on the nationalisation of banks.
- (b) The RBI panel has recently recommended to raise the lending share for weaker sector to forty per cent.
- (c) India's financial inclusion means government ownership of banks and their recapitalization.
- (d) Only (a) and (b)
- (e) Only (a) and (c)

105. What guidelines have been prepared by the RBI panel on financial inclusion?

- (A) Banks be instructed to open accounts for every adult Indian by Jan 2016
- (B) Banks be allowed to open satellite branches to provide better services in unbanked rural areas
- (C) Priority sector lending by banks be raised
- (a) Only (A) and (B)
- (b) Only (B) and (C)
- (c) Only (A) and (C)
- (d) Only (A)
- (e) All (A), (B) and (C)

Directions (106-108) : Choose the word/group of words which is MOST SIMILAR in meaning to the word/group of words printed in bold as used in the passage.

106. **Mandate**

- (a) accuse
- (b) command
- (c) request
- (d) hinder
- (e) uphold

107. **Borne**

- (a) endured
- (b) tolerated
- (c) carried
- (d) sustained
- (e) launched

108. **Window**

- (a) casement
- (b) opening
- (c) pane
- (d) bay
- (e) loophole

Directions (109-110) : Choose the word/group of words which is MOST OPPOSITE in meaning of the word/group of words printed in bold as used in the passage.

109. **Overlooked**

- (a) underlined
- (b) ignored
- (c) excluded
- (d) denied
- (e) responded

110. **Levied**

- (a) imposed
- (b) exempted
- (c) taxed
- (d) forced
- (e) collected

Directions (111-120): Read the following passage carefully and answer the questions given below it. Certain words are printed in bold to help you locate them while answering some of the questions.

The trouble started on May 4, 2004 only days after Google's celebrated coming-out party. Geico, the giant automobile insurer, filed a lawsuit against the search engine for trademark **infringement**. The insurer claimed the Google's advertising system unlawfully profited from trademarks that Geico owned. Since all of Google's revenue and growth was from advertising, the disclosure of the lawsuit appeared ominous. "We are, and may be in the future, subject to intellectual property right claims, which are costly to defend, could require us to pay damages, and could limit our ability to use certain technologies," Google disclosed in public filing outlining potential risks. Abroad, where Google had promising growth **prospects**, similar court challenges also arose. "A court in France held us liable for allowing advertisers to select certain trademarked terms as keywords," the company declared. "We have appealed this decision. We were also subject to two lawsuits in Germany on similar matters.

To make matters worse, it turned out that prior to its IPO filing, Google had eased its trademark policy in the U.S., allowing companies to place ads even if they were pegged to terms trademarked and owned by others. That was a significant shift, and one, Google warned could increase the risk of lawsuits against the company. It was also a practice that Yahoo, its search engine rival, did not permit. Google claimed it made the policy change to serve users, but some financial analysts said it appeared designed to pump profits before the IPO.

And there was more. Competition from Yahoo and Microsoft posed a greater challenges to Google following the disclosure about its **mammoth** profitability. With so much money at stake, the intensity of the competition would heat up. Such competition might be good for computer users searching the Internet, but Google said it posed additional risk for potential shareholders. "If Microsoft or Yahoo are successful in providing similar or better Web search results compared to ours or leverage their platforms to make their Web search services easier to access than ours, we could experience a significant decline in user traffic," the company disclosed. In addition, Google warned that its momentum seemed unsustainable due to competition and "the inevitable decline in growth rates as our revenues increase to a higher level."

Then there was the question of Google's exclusive reliance on advertising, and one particular type of advertising, for all of its revenue. That was potentially quite one particular type of advertising, for all of its revenue. That was potentially quite problematic. If Yahoo or Microsoft gained ground on search, users could flock to their Web sites, and advertisers could follow, "The reduction in spending by; or loss of, advertisers could seriously harm our business," the company disclosed in its SEC filing.

In the beginning, the firm, earned all of its money from ads

triggered by searches on Google.com. But now, most of its growth and half of its sales were coming primarily from the growing network of Web sites that displayed ads Google provided. This self-reinforcing network had a major stake in Google's successful future. It gave the search engine, operating in the manner of a television network providing ads and programming to network affiliates, a sustainable competitive advantage. But there was a dark side there too, because of the substantial revenue firm a handful of Google partners, notably America Online and the search engine Ask Jeeves. If at any point they left Google and cut a deal with Microsoft or Yahoo, the lost revenue would be immense and difficult to replace. "If one or more of these key relationships is terminated or not renewed, and is not replaced with a comparable relationship, our business would be adversely affected," the company stated.

Google's small, **nonintrusive** text ads were a big hit. But like major television and cable networks, which were hurt by innovations that enabled users to tune out commercials, the company faced the risk that users could simply turn ads off if new technologies emerged.

Going public also posed a potentially grave risk to Google's culture. Life at the Google plex was informal. Larry and Sergey knew many people by their first names and still signed off on many hires. With rapid growth and an initial public offering, more traditional management and systems would have to be implemented. No more off-the-shelf software to track revenue on the cheap. Now it was time for audits by major accounting firms. As Google's head count and sales increased, keeping it running without destroying its culture was CEO Eric Schmidt's biggest worry.

Google, the NOUN that became a verb, had built a franchise and a strong brand name with global recognition based entirely on word of mouth. Nothing like it had been done before on this scale. The Internet certainly helped. But Google's profitability would erode if the company were forced to begin spending the customary sums of money on advertising and marketing to maintain the strength of its brand awareness. Marketing guru Peter Sealey said privately that the advice he gave Google to study consumer perception of the Google brand was rejected by the company and that they were unwilling to spend money on marketing.

111. Which of the following statement is true?

- Google's growing popularity has been a threat to other players operating in that market segment like Yahoo and Ask Jeeves, as Google eroded their market share.
- According to Google its decision to considerably relax its industrial design policy in the US was geared to satisfy its clients.
- One of the major challenges for Peter Sealey has been to expand the Google Empire while keeping its existing internal work culture intact.
- Google's business potential is likely to be threatened seriously if the accessibility and quality of the Web search offered by its competitors like Microsoft or Yahoo becomes

superior than the same offered by it.

(e) None of the above.

112. Which of the following Statement is false?

(a) Google has been potentially vulnerable to external competition owing to its exclusive reliance on advertising for resource generation.

(b) By writing the "the noun that became a verb", the author indicates the growing popularity of the search engine.

(c) "Non-intrusive" in the current passage refers to the advertisement format that does not directly hamper or distract the flow of operation of the person working in the computer.

(d) The legal dispute between Google and the automobile giant Geico during May 2004 centred on the advertising system and the trademark policy adopted by the latter.

(e) None of the above

113. What conclusion can you form about 'Altavista' from the passage?

(a) It has been a partner of Google.

(b) It has been a Competitor of Google.

(c) It cannot be concluded from the passage.

(d) It was a partner of Google initially, but later emerged as a major competitor.

(e) None of the above.

114. How can the Yahoo and Microsoft, search engine rivals, pose greater risks to Google's business?

(a) Yahoo and Microsoft have built publishing platforms where content can be published on their proprietary platform.

(b) If Microsoft or Yahoo become successful in providing similar or better Web search results to make their Web search services easier to access than that of Google's services.

(c) Both the rivals are trying to grow their video ad business by reaching out to YouTube's biggest content producers and inviting them to test distributing their videos on its own platform.

(d) Both yahoo and Microsoft have had far more success getting customers to buy stuff with a couple clicks.

(e) None of the above

115. What is major source of revenue earned by the Google?

(i) The revenue comes from search terms.

(ii) By buying and selling websites.

(iii) High traffic websites of Google that display ads.

(a) Both (i) and (ii) (b) Both (i) and (iii)

(c) Only (ii) (d) Only (iii) (e) None of the above

116 Which of the following sentence is false?

(a) Google has not been keen to undertake any major analysis on the popular impression about the Google brand.

(b) Google's resolution to provide the search engine and programming to collaborators like America Online ensured significant revenue for both sides involved.

(c) Google's perceived concern over Intellectual Property

issues in the passage has been quoted from a confidential company report.

(d) With increase in the volume of Google's total annual revenue, it was anticipated by the management that the annual growth rate.

(e) None of the above.

Directions (117-118): Choose the word/group of words which is **MOST SIMILAR** in meaning to the word/group of words printed in **bold** as used in the passage.

117. **Infringement**

(a) Preservation

(b) Compliance (c) Strengthening

(d) Violation

(e) Undermine

118. **Mammoth**

(a) Colossal

(b) Miniscule (c) Stable

(d) Insignificant

(e) Variable

Directions (119-120): Choose the word/group of words which is **MOST OPPOSITE**, in meaning to the word/group of words printed in **BOLD** as used in the passage.

119. **Prospects**

(a) Anticipation

(b) Inspect

(c) Probability

(d) Panorama

(e) Reality

120. **Nonintrusive**

(a) Command

(b) Essential

(c) Annoying

(d) Interfering

(e) Involve

Directions (121-125): Rearrange the following six statements (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

(A) A major breakthrough on the question of mechanisation in Indian banks came with a significant decision given by the National Industrial Tribunal in 1981.

(B) Computers, however, were allowed only for clearing operations, inter branch reconciliation, remittances, foreign exchange dealings, investment management, personnel inventory, payrolls, provident fund, merchant banking and management information systems on credit, budgetary data and annual control returns.

(C) The settlements specified that only accounting machines with attached memory modules and not computers, may be used in banks for the purpose of current accounts, deposit accounts, general ledger accounts, and cash credit and loan accounts only in urban and metropolitan areas.

(D) Subsequently, in 1983, the Indian Banks Association (IBA) reached an agreement with the staff unions under which electronic ledger posting/accounting machines were allowed to be installed to support specified functional areas in branches, zonal offices, etc.

(E) The tribunal gave unequivocal award in favour of the use of computers and other sophisticated machines with the proviso that it should not cause displacement of more than 10 percent of staff.

(F) The Reserve Bank of India took a major lead in coordinating the work related to mechanisation in various banks and even helped them in deciding the vendors, software

required etc.

121. Which of the following should be the **SECOND** sentence after rearrangement?
 (a) A (b) B (c) C (d) D (e) E
122. Which of the following should be the **FOURTH** sentence after rearrangement?
 (a) A (b) B (c) C (d) D (e) F
123. Which of the following should be the **THIRD** sentence after rearrangement?
 (a) E (b) B (c) C (d) D (e) F
124. Which of the following should be the **FIFTH** sentence after rearrangement?
 (a) A (b) B (c) C (d) D (e) E
125. Which of the following should be the **SIXTH (last)** sentence after rearrangement?
 (a) B (b) C (c) D (d) E (e) F

Directions (126-130): Pick out the most effective pair of words from the given pair of words to make the sentence meaningful complete.

126. The _____ of opinion which emerged at a recently concluded seminar was that the problem of dowry cannot be _____ unless the law against it is made more stringent.
 (a) divergence, managed (b) convergence, appreciated
 (c) consensus, tackled (d) similarity, curbed
 (e) diversity, concluded
127. Whereas off-Broadway theatre over the past several seasons has clearly _____ a talent for experimentation and improvisation, one deficiency in the commercial stage of late has been its marked incapacity for _____.
 (a) manifested, spontaneity (b) lampooned, theatrically
 (c) cultivated, orthodoxy (d) disavowed, histrionics
 (e) corroborated, efficiency
128. The village headman was unlettered, but he was no fool, he could see through the _____ of the businessman's proposition and promptly _____ him down.
 (a) deception, forced (b) naivete, turned
 (c) potential, forced (d) sophistry, turned
 (e) probable, moved
129. If a junior executive neglects his professional development and _____ education, he can easily and quickly become obsolete in a world changing at _____ rates.
 (a) higher, vulnerable (b) management, supreme
 (c) better, supreme (d) continuing, dizzying
 (e) improving, low
130. Part of the confusion in our societies _____ from our pursuit of efficiency and economic growth, in the _____ that these are the necessary ingredients of progress.
 (a) stems, conviction (b) derives, evaluation
 (c) emerges, consideration (d) extends, planning
 (e) manages, reflection

Directions (131-135): Find out the error, if any. If there is no error, the answer is (e), i.e. No error. (Ignore the errors of punctuation, if any.)

131. The heads of religious institutions and imminent (a)/ people have come together to ensure (b)/ communal (c)/ harmony (d)/ All correct (e)
132. Gandhiji was unsparing (a)/ in his condemnation (b)/ of people for their inhuman (c)/ treatment to untouchables. (d)/ All correct (e)
133. Today most employees complain (a)/ of suffering for the stress (b)/ of attending to (c)/ rude customers all day. (d)/ No error (e)
134. Most of (a)/ the five-years (b)/ plans of India (c)/ have been successful. (d)/ No error (e)
135. In financial matters (a)/ it is important to (b)/ get disinterested advice (c)/ or no advice (d) /No error (e)

Directions (136-140): In the given passage, there are blanks, each of which has been numbered. Against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Primary school enrolment India has been a success story.(136)..... due to various programmes and drives to increase enrolment even in remote areas. With enrolment reaching at least 96 percent since 2009, and girl(137)..... up 56 percent of new students between 2007 and 2013, it is clear that many(138)..... of access to schooling have been(139)..... Improvement in infrastructure has been the(140)..... behind achieving this and now in India 98 percent habitations have a primary school within one kilometre and 92 percent have an upper primary school within a three kilometre walking distance.

136. (a) most (b) properly (c) totally
 (d) optionally (e) largely
137. (a) coming (b) reaching (c) counting
 (d) making (e) touching
138. (a) issue (b) opportunities (c) problems
 (d) efforts (e) exertions
139. (a) accustomed (b) addressed (c) met
 (d) forwarded (e) dissolved
140. (a) main (b) forced (c) force
 (d) compulsion (e) awareness

Solutions:

Direction (1-5):

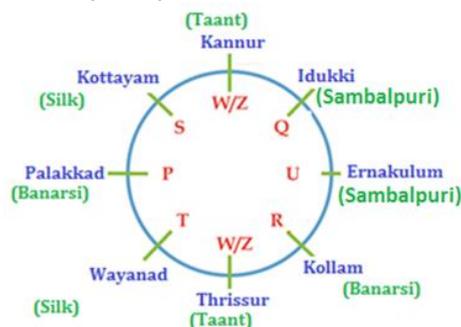
Case	Drummers	Bassists	Guitarists	Pianists
1.	I, N	M, G	L, H, P	J, O, K
2.	K, N	M, G	L, H, P	J, O, I
3.	G, N	M, I	L, H, P	J, O, K
4.	G, I	M, K	L, H, P	J, O, N
5.	G, N	M, K	L, H, P	J, O, I
6.	K, G	M, I	L, H, P	J, O, N

1. (c)
 2. (d)
 3. (c)
 4. (b)
 5. (c)
 6. (a); The government and the industry body want a sharp

cut rates to achieve a high growth rate. So, I is definitely a challenge for new RBI governor. II is also a challenge as RBI's previous schemes have not been very effective. The challenge that remains now is how the central bank will go about the resolution process. III is also a challenge as Consumer Price Index (CPI) rose higher than RBI's comfort zone and seriously jeopardizes RBI's efforts in containing long term inflation, as per the monetary policy framework's inflation targeting model.

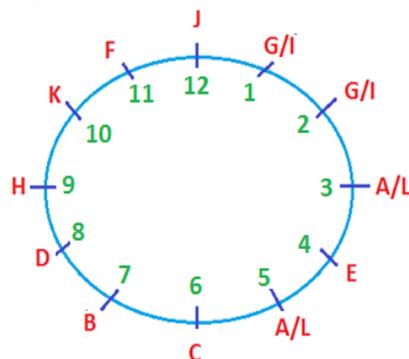
concluded as a reason from the statement.

Direction (13-17):



- 13. (b)
- 14. (d)
- 15. (c)
- 16. (b)
- 17. (d)
- 18. (b); First one can be directly concluded from the statement. Second one can be inferred from the statement as the main motive of Reliance Jio is the enhancement in the field of mobile infrastructure which is there in the statement in hidden manner.

Direction (19-23):



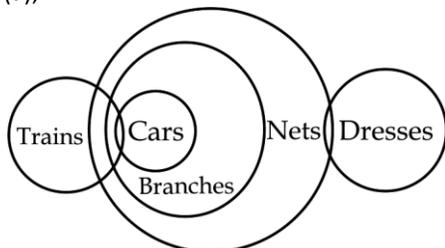
- 19. (b)
- 20. (a)
- 21. (d)
- 22. (a)
- 23. (b)
- 24. (e); First one is the main motive behind the setting up of a task force. And since it is a task force, so the members can be in-house experts as well as from outside. So I and II are in line in contrast with the passage. Third one can be the reason behind which this task force has been set up. So, III is also in line.
- 25. (b); With the above decision taken by the government, there must be focus on quality of education and hence it is clear that the government focus on value education. So only (d) is a valid option.

Directions (26-30):

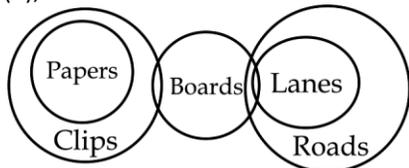
- 26. (d)

Direction (7-11):

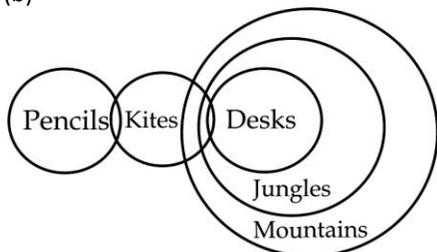
- 7. (a);



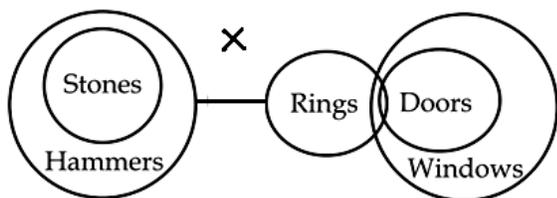
- 8. (d);



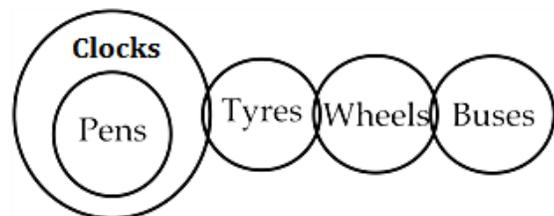
- 9. (b)



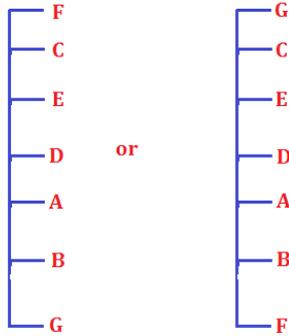
- 10. (c)



- 11. (a)



- 12. (e); As it is mentioned in the statement that more customers are availing banking services through the digital medium, i.e. digital banking is becoming popular day by day in the world and the customers are making maximum transactions online. So, none of the options given can be



From I and II, we get the above two sitting arrangements. And in both the cases, D is sitting exactly in the middle.

27. (b); From I: No. of brothers = 2(no. of sisters)
 From II: (No. of brothers – 1) = 3(no. of sisters)/2
 From III: (no. of sisters-1)4 = no. of brothers
 From I and II = no. of sisters = 2 and no. of brothers = 4
 From II and III or From I and III we can find the same answer.
28. (d); From I and II = rope – ‘ta’
 From III or II = rope – ‘ta’
29. (b); From I- either Anil or Saurabh took first lecture.
 From I and II- Anil took first lecture
30. (c); From I – Avantika’s rank is 10th from the bottom. So, (45-10+1) = 36th from the top.
 From II and III- Radha’s rank from top = 30th
 Neeta’s rank from top = 45-4+1 = 42nd
 Now, Avantika’s rank = (30+42)/2 = 36th from top
31. (c); The main concern of the given statement is that by hosting big events like FIFA and Olympics, developing countries will have to face so many difficulties. So, we have to proceed in that direction as per the given statement. And in arguments I and III, the word ‘always’ makes it insignificant. So, only argument II holds strong.

Directions (32-36): The machine rearranges first numbers and then words. First, it rearranges numbers in ascending order from left side and descending order from right side along with their interchanged positions. Whereas words are arranged in an alphabetical order.

Input: sovran source 18 63 soviet 36 sowars 15 81 souter sowans 51
 Step I : 51 sovran source 18 63 soviet 36 sowars souter sowans 51 18
 Step II : 51 81 sovran source soviet 36 sowars souter sowans 51 36 18
 Step III: 51 81 63 sovran source soviet sowars souter sowans 15 36 18
 Step IV : 51 81 63 source sovran soviet sowars souter sowans 15 36 18
 Step V : 51 81 63 source souter sovran soviet sowars sowans 15 36 18
 Step VI: 51 81 63 source souter soviet sovran sowars sowans 15 36 18
 Step VII: 51 81 63 source souter soviet sovran sowars sowans 15 36 18
 Step VII is the last step of the above arrangement.

32. (c)
 33. (e)
 34. (d)
 35. (e)
 36. (c)
 37. (e); All the given options may be the possible impacts of

new 100per cent FDI rule except the last one because it is mentioned there that our domestic country will not get benefitted from this. It is acceptable that there may be exploitation of domestic resources but from this our domestic country will also get benefitted. On internal security issue, it may get affected somewhere.

Direction (38-42):

Friends	Malls	Items	9 am	10 am	11 am	12 am
P	WAVE	Jewellery	x	✓	x	x
Q	DLF	Saree	✓	x	x	x
R	AMBIENCE	Jeans	x	x	x	✓
S	SAHARA	Gown	x	x	✓	x

38. (c)
 39. (b)
 40. (c)
 41. (a)
 42. (a)
 43. (d); The present structure of Indirect Taxes is very complex in India. There are so many types of taxes that are levied by the Central and State Governments on Goods & Services. So, there is no doubt that when all the taxes are integrated, it will improve the ease of doing business ranking of India. So, I is a strong argument. It will definitely impact the existing processes, people and technology but we cannot say that it will give negative impact. As on real estate market, GST will have a significant impact. IV is true but not directly related to Indian economy. So, II, III and IV are not strong arguments.

Direction (44-48):

7	S	(Suzuki) Kings
6	N	(Hero) Corona
5	M	(BMW) Grosloch
4	Q	(Yamaha) Heineken
3	P	(Ducati) Carlsberg
2	R	(Harley Davidson) Budeweiser
1	O	(Bajaj) Haywards

44. (d)
 45. (a)
 46. (c)
 47. (c)
 48. (e)
 49. (c); Other than just the science though, space missions are fantastic catalysts for scientific and technological advances in the entire nation. India will learn how to reliably get things in space, a skill that will become more and more important. Space exploration excites people, and

encourages them to study STEM topics and pursue as a carrier. As per regarding R&D activity related to science and technology, there will be definitely some boost up regarding funding in future. So, both I and II follows.

50. (e); The reason given behind her resignation in argument I is age factor which is nothing there in the statement. Argument II deals with the improper functioning in the state which may be the reason behind her resignation but it cannot be predicted from the given statement. Argument III is absurd. So, none of the arguments holds strong.

Solutions

51-55

Society	Population	Total Number of Children	Male children	Female Children
A	750	225	90	135
B	800	250	185	65
C	1000	325	200	125
D	925	370	148	222
E	525	294	180	114

51. (c); Total population of society E = 525
52. (c); Required ratio = $\frac{135}{180} = 3 : 4$
53. (b); Required percentage = $\frac{114}{525} \times 100 = 21\frac{5}{7}\%$
54. (d); Total number of female children = $135 + 65 + 125 + 222 + 114 = 661$
55. (a); Required percentage = $\frac{800}{2550} \times 100 = 31\frac{19}{51}\%$
56. (c); Breadth of rectangular plot = $\frac{7050}{94} = 75$ m
 Perimeter = $2(94 + 75) = 338$ m
 Cost of fencing = $338 \times 10.5 = \text{Rs}3549$
 Radius of plot T = $\frac{110}{44} \times 7 = 17.5$ m
 Cost of flooring = $15 \times \frac{22}{7} \times 17.5 \times 17.5 = \text{Rs. } 14437.5$
 Required percentage = $\frac{3549}{14437.5} \times 100 = 24.58\%$
57. (d); cost of flooring = $\frac{1}{2} \times 78 \times 24 \times 12 = \text{Rs. } 11232$
 Hypotenuse of this right angled triangular field = $\sqrt{78^2 + 24^2} \approx 81.6$
 Cost of fencing = $9 \times (78 + 24 + 81.6) = \text{Rs. } 1652.4$
 Required difference = 9579.6 Rs.
58. (a); Increase in cost of flooring = $11(\pi - 1)89^2 = 186709.28$ Rs
 Initially cost of flooring = $11 \times 89 \times 89 = 87131$ Rs
 Percentage increase = 214.28%
59. (e); Total cost of fencing and flooring of triangular field = $(\frac{1}{2} \times 78 \times 24 \times 12) + (78 + 24 + 81.6) \times 9 = \text{Rs. } 12884.4$
 Total cost of fencing and flooring of rectangular field = $7050 \times 14 + 2 \times (94 + 75) \times 10.5 = 102249$ Rs.
 Required difference = 89364.6 Rs.
60. (a); Sum of cost of flooring of all the fields = $11232 + 98700 + 87131 + 45000 + 14437.5$

- = Rs. 256500.5
61. (d); The pattern is $(\times 1 + 1), (\times 2 - 2), (\times 3 + 3), (\times 4 - 4)$ $416 \times 5 + 5 = 2085$, not 2075
 So the new series will be 2075, 2076, 4150, 12453, 49808
 So (e) = 49808
62. (b); The pattern is $+1, +2^2, +3^3, +4^4, +5^5$
 $23 + 3^3 = 50$, not 48
 So the new series will be 48, 49, 53, 80, 336.....
 So (e) = 336
63. (a); The pattern is $\times 2 + 6, \times 2 + 6, \times 2 + 6$
 $58 \times 2 + 6 = 122$, not 120
 So the new series will be 120, 246, 498, 1002, 2010
 (e) = 2010
64. (e); The difference is $\times \frac{8}{4}, \times \frac{7}{4}, \times \frac{6}{4}, \times \frac{5}{4}$ $308 \times \frac{6}{4} = 462$, not 464
 So the new series will be 464, 928, 1624, 2436, 3045(e)=3045
65. (b); The pattern is $+(2 \times 3), +(3 \times 4), +(4 \times 5), +(5 \times 6)$
 $153 + 30 = 183$, not 185
 So, the new series is 185, 191, 203, 223, 253, (e)=253
66. (a); Money spent on 'others' in 2011 = $\frac{24}{100} \times 88200 = 21168$ \$
 Money spent on 'others' in 2012 = $\frac{22}{100} \times 95400 = 20988$ \$
 % decrease = $\frac{180}{21168} \times 100 = 0.85\%$
67. (d); Required Ratio = $\frac{\frac{88}{100} \times 88200}{\frac{84}{100} \times 95400} = 154 : 159$
68. (b); Total money spent on others in 2 years = $(\frac{24}{100} \times 88200) + (\frac{22}{100} \times 95400) = 42156$ \$
 Money spend on food = $\frac{2}{9} \times 42156 = 9368$ \$
 Total money spent on children education = $(\frac{12}{100} \times 88200) + (\frac{15}{100} \times 95400) = 24894$ \$
 Required percentage = $\frac{9368}{24894} \approx 37.63\%$
69. (d); Total money spent on children education = 24894 \$
 Total money spent on others = 42156 \$
 Total money spent on entertainment = $(\frac{22}{100} \times 88200) + (\frac{16}{100} \times 95400) = 34668$ \$
 Total money spent on Rent = 42876 \$
 Total money spent on Shopping = $(\frac{12}{100} \times 88200) + (\frac{7}{100} \times 95400) = 17262$ \$
 Total money spent on EMI = 21744 \$

- So total money spent on Rent is highest.
70. (e); average money spent on others = $\frac{42156}{2} = 21078$ \$
Average money spent on children education and EMI together = $\frac{46638}{2} = 23319$ \$
Required difference = 2241 \$
71. (e); $(60 - 45)\% = 12.5 + 4$
 $100\% = \frac{16.5}{15} \times 100 = 110$
 $x = 49.5, y = 55, z = 66, w = 62$
So none of the statements is required
72. (b); St. A = R - Q = 100
St. B = P = 270
St. C = Q : R = 3 : 7
So St. A and St. C are sufficient to answer the question.
73. (e); St. A ratio of capital = 12000 : 9000
St. 2 = ratio of profit = 12000 (x + 2) : 9000 (x)
St. 3 = $K[12000(x + 2)] - [9000x]k = 1500$
So question can't be answered even using all 3 statements
74. (b); St. A MP = $516.6 \times \frac{100}{82} = 630$ Rs
St. B = CP = $630 \times \frac{100}{125} = 504$ Rs
St. C = 10% discount SP = $630 - 63 = 567$ Rs
CP = $567 \times \frac{100}{112.5} = 504$ Rs
So using St. A with B or C use can find CP
75. (b); St. A = relative speed of train = $\frac{400}{9}$ m/s or 160 m/s
St. B = Distance = 567 km
St. C = Speed of train = $\frac{97.5}{5} = 19.5$ m/s
The speed of the other train is not known so only B and C are the required Statements
76. (a); Girls participated from DAV in 2007 = $9600 \times \frac{36}{100} = 3456$
girls participated from Gita Niketan in 2009 and 2010 together = $9000 \times \frac{51}{100} + 7800 \times \frac{55}{100} = 8880$
boys participated from Gita Niketan in 2009 and 2010 together = 7920
percentage = $\frac{7920 - 3456}{7920} \times 100 \approx 56\%$
77. (e); required difference = $\frac{527}{6} - \frac{500}{6} = \frac{2700}{6}$ hundred or $\frac{2700}{6} = 450$
78. (d); Girls participated in 2009 = $\frac{45}{100} \times 8400 + \frac{51}{100} \times 9000 = 3780 + 4590 = 8370$
boys participated from green field public school = $\frac{90}{100} \times 8370 = 7533$
total no. of students of green field = $7533 \times \frac{100}{45} = 16740$
no. of girls = $16740 - 7533 = 9207$
79. (b); Total no. of boys = $84 \times \frac{55}{100} + 82 \times \frac{56}{100} + \frac{65}{100} \times 95 + \frac{58}{100} \times 71 + \frac{49}{100} \times 90 + \frac{45}{100} \times 78 = 27425$ boys
80. (a); Total no. of girls participated = 22575

- required percentage = $\frac{27425 - 22575}{50000} \times 100 = 9.7\%$
81. (b); Let the total number of students appeared = x
Number of males students appeared = 90% of x = $\frac{9}{10}x$
Number of female students appeared = $\frac{x}{10}$
Number of males passed = 60% of $\frac{9}{10}x = \frac{3}{5} \times \frac{9}{10}x$
Number of females passed = 80% of $\frac{x}{10} = \frac{4}{5} \times \frac{x}{10}$
Now $\frac{3}{5} \times \frac{9}{10}x + \frac{4}{5} \times \frac{x}{10} = 1240$
 $x = 2000$
82. (b); Let the length of shorter and longer trains be d, d + 25 m and their speed be y and x m/s respectively
Case I:
In opposite direction
 $\frac{d + d + 25}{10} = x + y$
 $\frac{2d + 25}{10} = x + y$ (i)
Case II :
In same direction
 $\frac{2d + 25}{30} = x - y$ (ii)
Case III:
 $\frac{d + \frac{d + 25}{2}}{22} = x - y$ (iii)
On solving (i), (ii) and (iii)
We get d = 175 m, x = 25 m/s, y = 12.5 m/s
Thus the length of two trains be 175, 200 m
Time taken to cross tunnel = $\frac{400 + 200}{25} = 24$ second
83. (b); Let's assume the cistern's capacity = 60 litres
So, A supplies = $\frac{60}{20} = 3$ litre/min
B supplies = $\frac{60}{30} = 2$ litre/min
Now, due to closing of valve
A supplies = $3 \times \frac{4}{5} = \frac{12}{5}$ litre/min
B supplies = $2 \times \frac{5}{6} = \frac{5}{3}$ litre/min
In last 5 minutes cistern is filled at full capacity of pipes, and it is filled by = $5 \times (3 + 2) = 25$ litre
Remaining capacity = $60 - 25 = 35$
So required time = $\frac{35}{\frac{12}{5} + \frac{5}{3}} = 9$ (approx)
84. (c); Ratio of their investments for 1 year = $4x \times 3 + 2x \times 3 + x \times 3 + \frac{x}{2} \times 3 : x \times 3 + 2x \times 3 + 4x \times 3 + 8x \times 3 : 15x \times 12 = \frac{45}{2}x : 45x : 180x = 45 : 45 \times 2 : 180 \times 2 = 1 : 2 : 8$
Let y be profit
Share of B $\Rightarrow \frac{2}{11}y = 22000$
 $y = 121,000$

85. (a); After 1st operation, milk left = $40 \left(1 - \frac{4}{40}\right) = 36l$
 After 2nd operation, milk left = $36 \left(1 - \frac{5}{40}\right) = 31.5l$
 After 3rd operation, = $31.5 \left(1 - \frac{6}{40}\right)$
 = 26.775l

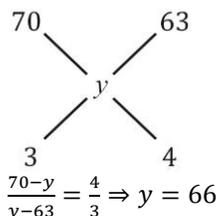
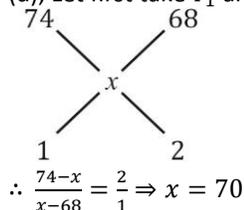
86. (e); Volume of earth removed = $10 \times 4.5 \times 3 = 135m^3$
 Remaining area = $[20 \times 9 - 10 \times 4.5]$
 = $100 - 45 = 135$
 Let, rise in height = x
 $h \times 135 = 135$
 $h = 1$ m

87. (b); Case - I → Let a white ball is drawn from the first bag and placed unseen in the second bag.
 In this case probability is
 $= \frac{5c_1}{8c_1} \times \frac{4c_1}{7c_1} = \frac{20}{56}$
 Case - II → Let a black ball is drawn from the first bag and placed unseen in the second bag
 In this case probability is
 $\frac{3c_1}{8c_1} \times \frac{5c_1}{7c_1} = \frac{15}{56}$
 \therefore Required probability = $\frac{20}{56} + \frac{15}{56} = \frac{35}{56} = \frac{5}{8}$

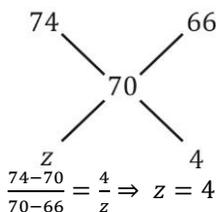
88. (c); Let velocity of boat in still water x and velocity of stream = y .
 $\frac{12}{x-y} + \frac{18}{x+y} = 3$ (i)
 $\frac{36}{x-y} + \frac{24}{x+y} = \frac{13}{2}$ (ii)
 Let $x - y = A$ and $x + y = B$
 $\frac{12}{A} + \frac{18}{B} = 3$ (iii)
 $\frac{36}{A} + \frac{24}{B} = \frac{13}{2}$ (iv)
 Solving (iii) and (iv)
 $A = 8, B = 12$
 $x - y = 8$
 $x + y = 12$
 $x = 10, y = 2$

89. (a); Let the first part be x . Then the second part be $(38800 - x)$
 $\frac{x \times 0.72 \times \frac{1}{2}}{(38800 - x) \times 0.05 \times 2} = \frac{5}{4}$
 $\frac{0.36x}{3880 - 0.1x} = \frac{5}{4}$
 $1.44x = 19400 - 0.5x$
 $1.94x = 19400$
 $x = 10,000$
 The second part = $38,800 - 10,000 = 28,800$

90. (d); Let first take T_1 and T_2



Now let us assume that z quantity of T_1 is mixed with mixture.



Solutions

91. Ans.(b)

Sol. Quantity I → $\frac{735 \times 100}{1225 \times 10} = 6\%$

Quantity II → $\frac{(12597.12 - 11664)}{11664} \times 100 = 8\%$

Quantity I < quantity II

92. Ans.(e)

Sol. Quantity I, $x + y = \frac{44}{2} = 22$ km/hr,

$x = \text{speed of boat}, y = \text{speed of stream}$

$x - y = \frac{44}{22} \times 7 = 14$ km/hr

$x = 18$ km/hr, $y = 4$ km/hr

Quantity II, $(x + y) = 2(x - y)$

$3y = x$

$y = \frac{x}{3}$ (i)

So speed of stream can't be calculated.

93. Ans.(a)

Sol. Quantity I → S.P. = $\frac{85}{100} \times 450 = 382.5$ Rs.

C.P. = $\frac{100}{127.5} \times 382.5 =$ Rs. 300

Quantity II → C.P. = $\frac{100}{4.5} \times 12.6 =$ Rs. 280, quantity I > quantity 2

94. Ans.(e)

Sol. I. After dividing, we get $x^2 + x - 12 = 0, x = -4, 3$

II. After dividing we get, $y^2 + 7y + 12 = 0, y = -4, -3$

$x \geq y$

95. Ans.(a)

Sol. $2x^2 - 41x + 20 = 0, x = \frac{1}{2}, 20$

$-2y^2 - 19y - 35 = 0, y = \frac{-5}{2}, -7; x > y$

96. (e); Let B take x hours to fill the tank

So according to question, time required by each

A = $2x$

B = x

C = $\frac{2x}{3}$

D = $\frac{2x}{4}$

E = $\frac{2x}{5}$

A and B together fill the tank in 4 hours.

$$\frac{1}{2x} + \frac{1}{x} = \frac{1}{4}$$

$$x = 6$$

In first case, when A, C and E act as input pipes and B and D as output pipes.

$$\text{Total time} = \frac{1}{12} + \frac{1}{4} + \frac{5}{12} - \frac{1}{6} - \frac{1}{3} = \frac{1}{4}$$

∴ 4 hours

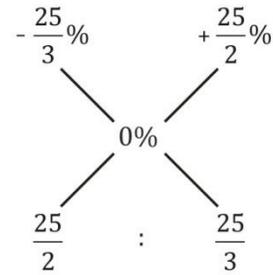
In second case, when C, D and E act as input pipes and A and B as output pipes.

$$\text{Total time} = \frac{1}{4} + \frac{1}{3} + \frac{5}{12} - \frac{1}{12} - \frac{1}{6} = \frac{3}{4}$$

∴ $\frac{4}{3}$ hr.

$$\text{Difference} = 4 - \frac{4}{3} = \frac{8}{3} = 2.67$$

97. (a);



$$\therefore \text{Table} : \text{Chair} = \frac{1}{2} : \frac{1}{3}$$

$$= 3 : 2$$

Let table = $3x$

Chair = $2x$

$$\frac{25}{200} \cdot 3x - \frac{25}{300} \cdot 2x = 25$$

$$225x - 100x = 15000$$

$$125x = 15000$$

$$x = \frac{3000}{25} = 120 \text{ Rs.}$$

∴ Table = 360 Rs.

Chair = 240 Rs.

98. (c); Let students appeared from school A = 100

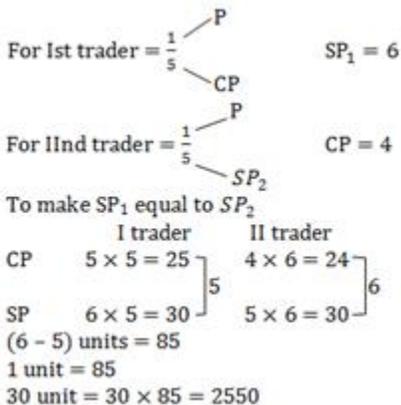
∴ Qualified students from school A = 60

Now, student appeared from school B = 130

And Qualified student from school B = 60 + 36 = 96

$$\therefore \text{Required \%} = \frac{96}{130} \times 100 = \frac{960}{13} = 73 \frac{11}{13} \%$$

99. (c)



100. (b); Total cost price = $(150 \times 250) + 2500$
 $= 37500 + 2500$
 $= 40000$

$$\text{Total selling price} = 320 \times \frac{(100-5)}{100} \times 150 = 45600$$

$$\text{Profit percentage} = \frac{45600-40000}{40000} \times 100 = 14\%$$

101. (e); Choice (a) is not the basic purpose; it is the result of the basic approach.

102. (c); Refer to the 3rd paragraph of the passage, "These require that the bank have a plan for financial inclusion and that it open 25 per cent of its branches in unbanked rural areas." Hence option (c) is the correct choice for the given question.

103. (d); The author has mentioned in the 4th paragraph of the passage that how the investors and consumers are suffering eventually due to unused bank accounts and poorly performing priority sector assets

104. (b); Only option (b) is incorrect as RBI panel has recommended 50 percent lending share for weaker section.

105. (c); Only option (b) is incorrect while statement (A) is correct as it is mentioned in the first paragraph of the passage that banks be mandated to open accounts for every adult Indian by January 2016, statement (C) is correct as PSL target is proposed to be raised to 50 percent.

106. (b); **Mandate** means an official order or commission to do something hence command is the word most similar in meaning.

107. (c); **Borne** means carried or transported by the thing specified hence carried is the word most similar in meaning.

108. (c); **Window** means an opening in the wall or roof of a building or vehicle that allow people to see out. So, pane is the word which is similar in meaning to it.

109. (a); **Overlooked** means fail to notice hence underlined is the word most similar in meaning.

110. (b); **Levied** means impose (a tax, fee, or fine) hence exempted is the word most opposite in meaning.

111. (d); The fifth paragraph of the passage says: "But there was a dark side there too, because of the substantial revenue firm a handful of Google partners, notably America Online and the search engine Ask Jeeves. If at any point they left Google and cut a deal with Microsoft or Yahoo, the lost revenue would be immense and difficult to replace." This makes option (d) correct.

112. (d); The first paragraph of the passage says: "Geico, the giant automobile insurer, filed a lawsuit against the search engine for trademark infringement." This makes option (d) correct.

113. (c) Altavista is not mentioned in the passage. Hence,

- option (c) is correct.
114. (b) Both the search engine rivals, Yahoo and Microsoft, pose greater risks to Google's business if they become successful in providing similar or better Web search results to make their Web search services easier to access than that of Google's services.
115. (d) High traffic websites of Google that display ads is the major source of revenue earned by the Google. For this refer to the fifth paragraph of the passage.
116. (c) In paragraph one of the passage it is mentioned that Google disclosed it in a public filing. Hence, option (c) is correct.
117. (d) **Infringement** means the action of breaking the terms of a law, agreement, etc. So, Violation is the word which is similar in meaning to it.
118. (a) **Mammoth** means huge. So, colossal is the word which is similar in meaning to it.
119. (e) **Prospects** means the possibility or likelihood of some future event occurring. So, reality is the word which is opposite in meaning to it.
120. (b) **Nonintrusive** means coming without invitation or welcome. So, essential is the word which is opposite in meaning to it.
- For questions (121-125); The correct sequence is **AECDBF**.
121. (e); E
122. (d); D
123. (c); C
124. (b); B
125. (e); F
126. (c); We can only tackle the problem. **Consensus** means similarity in opinion
Convergence on = consensus
Divergence = difference in opinion.
127. (a); The off- Broadway and Broadway theatres are contrasted here. The former has manifested or shown a talent for improvisation, extemporaneous or spontaneous performance. The latter has manifested no such talent for spontaneity.
128. (d); Sophistry is deception through words and turn down is to reject.
Naivete = inexperienced
Deception = deceit through action.
129. (d); Only **dizzying** can be fitted in the second filler, as one can become obsolete in a world changing at fast rate. Dizzying = Make (someone) feel unsteady, confused, or amazed: "the dizzying rate of change"
130. (c); **Emerges** means comes out. Confusion cannot be derived from the situation. To stem is to stop something, which the sentence is not pointing to. Therefore, options

(a) and (b) are incorrect. Option (d) is incorrect as in the second filler 'planning' can't be used.

131. (a) Eminent should be used in place of imminent. Eminent means noted for position, rank or achievement. Imminent means soon to happen or take place.
132. (e) It seems that the word unsparing is a wrong use here. But, unsparing means severe or merciless and it is appropriate in the context of the sentence. As there is no error in the given sentence, so the answer is (e).
133. (b) Change 'suffering for' to 'suffering from' because 'suffering' takes preposition "from".
134. (b) Change 'five-years' to 'five-year' as hyphenated noun can never be used in plural form.
135. (e)
136. (e)
137. (d)
138. (c)
139. (b)
140. (c)

For All

COMPETITION POWER

Readers

Get

FLAT 15% OFF

ON ALL TEST SERIES PRODUCTS

of



Valid Till
10th December 2016

Visit: speedtest.careerpower.in

IBPS RRB PO – MAINS: PRACTICE SET

REASONING ABILITY

Direction (1-5): Read the information given below and answer the questions that follow:

Seven army personnel's A, B, C, D, E, F and G in a family get together after a long time. Among them four are males, three females, two married couples and three unmarried persons. They are posted at different parts of the country viz.; Srinagar, Jammu, Ladakh, Bikaner, Jalandhar, Surat and Chandigarh but not necessarily in the same order.

B is not married and another person who is posted at Bikaner is the most intelligent. The person who is posted at Srinagar is married to the person who is posted at Jammu, who is the least intelligent among them. D is posted at surat and he is sitting on the leftmost corner. The person who is posted at Chandigarh is sitting on the rightmost corner. The person who is posted at Ladakh is married to C. C is the second most intelligent followed by her husband. The least intelligent is sitting on the immediate right of D, followed by the most intelligent. There are as many more intelligent persons than the person who is posted at Srinagar as there are less intelligent. In the row, followed by D there are three females sitting in succession. The person who is posted at Bikaner is female. The person who is posted at Chandigarh is more intelligent than the person who is posted at Surat, who is more intelligent than only one person, F. Neither A nor G is a female.

- Who is sitting on the immediate right of D?
(a) F (b) E (c) C
(d) Can't be determined (e) none of these
- A is posted in which of the following areas?
(a) Srinagar (b) Ladakh (c) Jammu
(d) Can't be determined (e) none of these
- Who among the following members are sitting together?
(a) D and E (b) A and E
(c) The members who are posted at Jammu and Jalandhar
(d) The members who are posted at Srinagar and Ladakh
(e) Can't be determined
- The person who is posted at Srinagar is not more intelligent than
(a) The person who is posted at Chandigarh
(b) The person who is posted at Surat
(c) The person who is posted at Jammu
(d) The person who is posted at Jalandhar
(e) Can't be determined
- Who among the following is the married couple?
(a) A-F (b) C-A (c) F-G
(d) C-G (e) None of these

Directions (6-10): In each of the questions below are given four statements followed by three conclusions numbered I and II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read

all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- Statements** All petals are flowers. Some flowers are fruits
Some fruits are leaves All leaves are plants
Conclusions: I. Some petals are not fruits
II. Some flowers are plants **III.** No flower is plant
(a) Only I follows (b) Either II or III follows
(c) Only I and II follow (d) Only III follows
(e) None of the above
- Statements** Some pens are keys. Some keys are doors
All doors are cards No card is paper
Conclusions I. No door is paper
II. Some cards are keys **III.** Some keys are not paper
(a) I and II follow (b) Only I follows
(c) Only II follows (d) All follow
(e) None follows
- Statements:** Some pearls are gems. All gems are diamonds
No diamond is gold Some golds are corals.
Conclusions I. Some golds are pearls
II. Some corals being diamond is a possibility
III. No gold is pearl.
(a) Only I follows (b) Only II follows
(c) Either I or III follows (d) I and II follow
(e) None of these
- Statements** Some apartments are colony
Some colony are buildings
All buildings are bungalows.
All bungalows are gardens
Conclusions I. All apartments being buildings is a possibility
II. All bungalows are not buildings **III.** No colony is garden.
(a) None follows (b) Only I follows
(c) Either I or III follows (d) Only II and II follow
(e) Only II follows
- Statements** All chairs are tables. All tables are lamp.
Some lamp are jars. No jar is bucket
Conclusions: I. Some tables being jar is a possibility.
II. Some lamps are chairs.
III. Some lamps are not bucket.
(a) Only I follows (b) Only I and II follow
(c) All follow (d) Only II follows (e) None of these

Directions (11-15): Read the following information carefully and answer the questions that follow.

Ten persons are sitting in two parallel rows containing five persons each. In row 1, Satya, Sanjay, Akshay, Shanti and Sagar are sitting and all of them are facing south. In row 2, Sagarika, Shradha, Sweety, Gaurav and Sonali are sitting and all of them are facing north. In the given seating arrangement, each

member seated in a row faces another member of the other row. Moreover, each of them belongs to different cities — Berhampur, Gopalpur, Puri, Balugaon, Balasore, Cuttack, Bhuvaneswar, Sambalpur, Bhadrak and Ikshapur but not necessarily in the same order.

There are only two persons sitting between the person from Berhampur, who sits at an extreme end, and Sagar. Sagarika, who sits in the middle of the row, is not an immediate neighbour of Shradha, who is not from Ikshapur. Sonali is sitting at an extreme end. Sagar, from Balasore, sits on the immediate right of the person from Gopalpur and faces the immediate neighbour of Shradha. Sanjay is not sitting at the extreme left end. Sagarika is not from Bhadrak. There is only one person between Akshay and Shanti, who is from Behampur. Gaurav, from Cuttack, is an immediate neighbour of the person from Ikshapur and does not face the person from Puri. Sweety, who is from Balugaon, is an immediate neighbour of the person from Bhadrak, who in turn faces the immediate neighbour of the person from Balasore. There are two persons between the person from Bhuvaneswar and the person from Puri. Sanjay is not from Bhuvaneswar. Sonali is not from Sambalpur.

11. Satya belongs to which of the following cities?
 - (a) Sambalpur
 - (b) Bhuvaneswar
 - (c) Puri
 - (d) None of these
 - (e) Can't be determined
12. Who is from Sambalpur?
 - (a) Sweety
 - (b) Sanjay
 - (c) Sonali
 - (d) Sagarika
 - (e) Can't be determined
13. 'Berhampur' is related to 'Bhuvaneswar' in a certain way, based on their seating positions. Then Ikshapur is related to whom, following the same seating positions?
 - (a) Sambalpur
 - (b) Bhadrak
 - (c) Gopalpur
 - (d) Cuttack
 - (e) Balugaon
14. Four of the following five are alike in a certain way based on their seating positions and so form a group. Which of the following is different from the group?
 - (a) Balasore
 - (b) Bhuvaneswar
 - (c) Ikshapur
 - (d) Balugaon
 - (e) Cuttack
15. Which of the following statements is/are definitely false?
 - (a) Sanjay is from Puri.
 - (b) There are two persons sitting between the person from Cuttack and the person from Bhadrak.
 - (c) The person from Gopalpur faces the person from Sambalpur.
 - (d) The person who is from Bhadrak sits opposite the person from Berhampur.
 - (e) All are true

Directions (16-18): In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Give answer

- (a) If only assumption I is implicit
- (b) If only assumption II is implicit

- (c) If either I or II is implicit
- (d) If neither I nor II is implicit
- (e) If both I and II are implicit

16. **Statement** "When Mr. X and Mr. Y stepped out for toss on the ground it was evident that one of them was in positive frame of mind while the other was tense, fearing defeat and elimination from the tournament." —An ex-captain of a cricket team.

Assumptions

I. Panic always sets in when a team is playing after a spate of defeats.

II. There are some days when a player achieves magical heights, when he is unstoppable and when every other player in the arena looks woefully inadequate.

17. **Statement** "Mail your grievance and confidential information to the commissioner of police." —Request of city police to citizens.

Assumptions

I. All categories of people, be it the poor or the senior citizens, might have grievances.

II. People have blind faith in the efficiency of flying squad of vigilance branch.

18. **Statement** "Beware! Recycled coloured plastic bags contain harmful colour pigments, which on coming in contact with food particles, make food unfit for consumption, resulting in severe food poison, allergies and in extreme cases even death." —A scientist.

Assumptions

I. Non-biodegradability nature makes plastic bags an environmental hazard.

II. Use of plastic bags is harmful and has cascading effects on human life

- Directions (19-23):** Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

- (a) If statements I alone is sufficient to answer the question, but statement II alone is not sufficient to answer the question.
- (b) If statement II alone is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- (c) If statement either I or II is sufficient to answer the question.
- (d) If both the statements I and II taken together are not sufficient to answer the questions.
- (e) If both the statements I and II taken together are sufficient to answer the questions.
19. The last Sunday of August, 2014 fell on which date?
 - I. The first Sunday of that month fell on 5th.
 - II. The last day of that month was Friday.
20. How many children are there between M and N in a row of children?
 - I. M is fifteenth from the left in the row.
 - II. N is exactly in the middle and there are ten children towards his right.
21. How is R related to S?

- I. X is brother of S and Y is sister of S.
 II. S's mother is married to R's husband who has one son and two daughters.
22. Who is to the immediate right of G among five persons G, H, I, J and K facing North?
 I. I is third to the left of H and G is second to the right of I.
 II. H is to the immediate left of K who is second to the right of G.
23. In a certain code, '64' means 'stop drinking' and '32' means 'harmful habit'. What do '2' and '3' mean respectively in that code?
 I. '637' means 'stop bad habit'.
 II. '842' means 'drinking is harmful'.

Directions (24-28): In the following questions, the symbols @, \$, *, # and + are used with the following meaning as illustrated below:

- P\$Q means 'P is not smaller than Q'
 P@Q means 'P is neither smaller than nor equal to Q'
 P#Q means 'P is neither greater than nor equal to Q'
 P+Q means 'P is neither greater than nor smaller than Q'
 P*Q means 'P is not greater than Q'.

Now in each of the following questions assuming the given statements to be true, find which of the four conclusions I, II, III and IV given below them is/are definitely true and give your answer accordingly.

24. **Statements:** H @ T, T # F, F + E, E * V
Conclusions: (I) V \$ F (II) E @ T
 (III) H @ V (IV) T # V
 (a) Only I, II and III are true
 (b) Only I, II and IV are true
 (c) Only II, III and IV are true
 (d) Only I, III and IV are true
 (e) All I, II, III and IV are true
25. **Statements:** D # R, R * K, K @ F, F \$ J
Conclusions: (I) J # R (II) J # K
 (III) R # F (IV) K @ D
 (a) Only I, II and III are true
 (b) Only II, III and IV are true
 (c) Only I, III and IV are true
 (d) All I, II, III and IV are true
 (e) None of these
26. **Statements:** N + B, B \$ W, W # H, H * M.
Conclusions: (I) M @ W (II) H @ N
 (III) W \$ N (IV) W # N
 (a) Only I is true (b) Only III is true
 (c) Only IV is true (d) Only either III or IV is true
 (e) Only either III or IV and I are true
27. **Statements:** R * D, D \$ J, J # M, M @ K
Conclusions: (I) K # J (II) D @ M
 (III) R # M (IV) D * K
 (a) None is true (b) Only I is true (c) Only II is true
 (d) Only III is true (e) Only IV is true
28. **Statements:** M \$ K, K @ N, N * R, R # W
Conclusions: (I) W @ K (II) M \$ R
 (III) K @ W (IV) M @ N

- (a) Only I and II are true (b) Only I, II and III are true
 (c) Only III and IV are true (d) Only II, III and IV are true
 (e) None of these

29. It has been reported in recent years that a very large number of seats in the engineering colleges in the country remain vacant at the end of the admission session. Which of the following may be the probable cause of the above effect?
 (a) There has been a considerable decrease in hiring of engineering graduates due to economic slowdown in the recent years
 (b) Students have always preferred to complete graduation in three years time instead of four years for engineering
 (c) The Government has recently decided to provide post qualification professional training to all engineering graduates at its own cost
 (d) There has always been a very poor success rate among the engineering students
 (e) None of the above

Directions (30-34): Study the following information carefully and answer the given questions:

- In a certain code language,
 "only in serial order" is written as "ve pu na to"
 "order in the state" is written as "li ve su pu"
 "the logical idea only" is written as "su na ri jo"
 and "in idea or theory" is written as "zt jo bk pu"
30. Which of the following is the code of 'Theory' ?
 (a) zt (b) bk (c) jo
 (d) pu (e) either 'zt' or 'bk'
31. The code 'li ri to ve' may represent
 (a) serial order theory only (b) only idea state order
 (c) state logical serial order (d) serial theory state the
 (e) only the idea logical
32. Which of the following may represent 'logical idea is only order' ?
 (a) jo na ri ge ve (b) ve na ri jo pu (c) ri ve na zt bk
 (d) bk to pu jo ve (e) na ve su li pu
33. Which of the following is the code for 'state' ?
 (a) su (b) li (c) ve
 (d) to (e) pu
34. Which of the following code- word combination is correct?
 (a) serial - ve (b) logical - li (c) idea - jo
 (d) In - na (e) Or - Ri
35. The condition of the roads in the city has deteriorated considerably during the first two months of monsoon and most of the roads have developed big pot holes. Which of the following can be a possible effect of the above cause?
 (a) The municipal corporation had repaired all the roads in the city before onset of monsoon with good quality material
 (b) A large number of people have developed spine related injuries after regularly commuting long distances by road within the city

- (c) The municipal corporation has been careful in choosing the contractors for repairing roads in the past
 (d) People always complain about potholed roads during the monsoon months
 (e) None of the above

Directions (36-40): Read the following information carefully and answer the questions that follow.

M, N, O, P, Q, R, S and T are eight members of a family sitting around a circular table and all of them are facing away from the centre. Each of them has a different sun sign, viz. Aquarius, Libra, Leo, Cancer, Virgo, Pisces, Aries and Capricorn, but not necessarily in the same order.

O sits second to the right of R's wife, whose sun sign is neither Cancer nor Capricorn. No male is an immediate neighbour of O. Q's son sits second to the left of T and on the immediate right of the person whose sun sign is Leo. T, who is brother of N, has the sun sign Capricorn. T is not an immediate neighbour of R's wife. Q's son's sun sign is Libra. Only one person sits between S and T. R's sister Q sits on the immediate right of her father, whose sun sign is Aries. S is mother of N. Only one person sits between R's father and M. M sits on the immediate left of the person whose sun sign is Pisces. Only one person sits between R and N. N sits second to the left of the person whose sun sign is

Aquarius. N is father of P and is not an immediate neighbour of M.

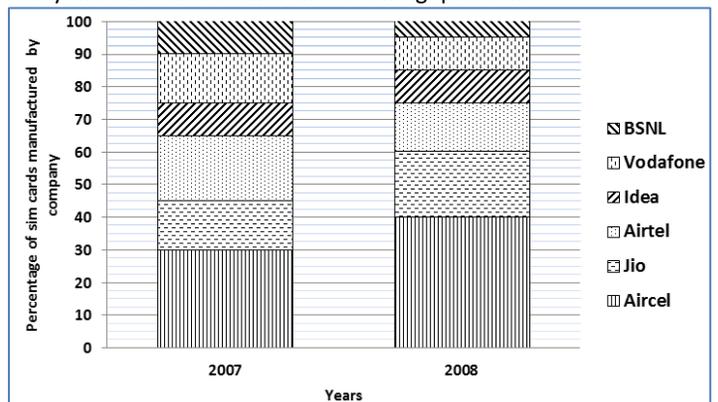
36. Whose sun sign is Aquarius?
 (a) P (b) S (c) Father of P
 (d) Can't be determined (e) None of these
37. Who among the following is Q's son?
 (a) N (b) R (c) M
 (d) P (e) O
38. The person whose sun sign is Virgo is sitting between whom among the following?
 (a) The persons whose sun signs are Pisces and Leo
 (b) The persons whose sun signs are Aries and Libra
 (c) The persons whose sun signs are Libra and Cancer
 (d) Can't be determined
 (e) None of these
39. Four of the five are alike in a certain way and hence form a group. Which is the one that does not belong to that group?
 (a) P (b) O (c) M
 (d) R (e) N
40. Which of the following combination is incorrect?
 (a) N- Cancer (b) R- Pisces (c) P- Aquarius
 (d) T- Virgo (e) None of these

QUANTITATIVE APTITUDE

41. In a village the average age of n people is 42 years. But after the verification it was found that the age of a person had been considered 20 years less than the actual age, so the new average, after the correction, increased by 1. The value of n is:
 (a) 21 (b) 20 (c) 22
 (d) 23 (e) Can't be determined
42. The average age of a family of 6 members 4 year ago was 25 years. Mean while a child was born in this family and still the average age of the whole family is same today. The present age of the child is:
 (a) 2 years (b) $1\frac{1}{2}$ years (c) 1 year
 (d) 3 years (e) Can't be determined
43. Tap A can fill a tank in 20 hours, B in 25 hours but tap C can empty a full tank in 30 hours. Starting with A, followed by B and C each tap opens alternatively for one hour period till the tank gets filled up completely. In how many hour the tank will be filled up completely?
 (a) $51\frac{11}{15}$ (b) $52\frac{2}{3}$ (c) $24\frac{4}{11}$
 (d) $37\frac{1}{7}$ (e) Can't be determined
44. A group of students prepared stuffed toys as part of their group activity. They spent Rs. 100 on velvet, Rs 5 on thread and needle and Rs. 27 on miscellaneous items. They made 50 toys, 50% of which were purchased by force by some senior students causing them a loss of 50%. At what % profit should they sell the remaining toys so as to gain 50% on their total cost?
 (a) 100% (b) 150% (c) 75%

- (d) 125% (e) None of these
45. A shopkeeper marks up his goods by 20% and then gives a discount of 20%. Besides he cheats both his supplier and customer by 100 g, i.e., he takes 1100 g from his supplier and sells only 900 g to his customer. What is his net profit percentage?
 (a) 24.5% (b) 17.33% (c) 25%
 (d) 32.5% (e) None of these

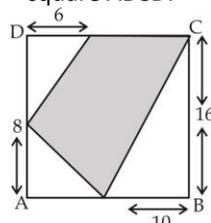
Directions (46-50): The bar chart given below shows the percentage distribution of the production of various models of a sim cards manufacturing company in 2007 and 2008. The total production in 2007 was 35 lakh sim cards and in 2008 the production was 44 lakh. Study the chart and answer the following questions.



46. Total number of sim cards of Aircel, Jio and Vodafone manufactured in 2007 was

- (a) 2450000 (b) 22750000 (c) 2100000
(d) 1925000 (e) 225000
47. For which company the difference between number of sim cards produced in 2007 and 2008 is maximum ?
(a) Aircel (b) Jio (c) Airtel
(d) Vodafone (e) None of these
48. What was the difference in the number of Jiosim cards produced in 2007 and 2008 ?
(a) 355000 (b) 270000 (c) 225000
(d) 175000 (e) 200000
49. If the percentage production of aircelsim cards in 2008 was same as that in 2007, then the number of Aircelsim cards produced is
(a) 1400000 (b) 1320000 (c) 1170000
(d) 1050000 (e) None of these
50. If 85% of Idea sim cards produced in each year were sold by the company, then how many Idea sim cards remained unsold ?
(a) 76500 (b) 93500
(c) 118500 (d) 122500
(e) 96000
51. Rahul went to purchase a Nokia mobile handset, the shopkeeper told him to pay 20% tax if he asked the bill. Rahul manages to get the discount of 5% on the actual sale price of the mobile and he paid the shopkeeper Rs. 3325 without tax. Besides he manages to avoid to pay 20% tax on the already discounted price, what is the amount of discount that he has gotten ?
(a) 750 (b) 375 (c) 875
(d) 525 (e) None of these
52. Sharabi Chand purchased two different kinds of alcohol. In the first mixture the ratio of alcohol to water is 3 : 4 and in the second mixture it is 5 : 6. If he mixes the two given mixtures and makes a third mixture of 18 litres in which the ratio of alcohol to water is 4 : 5. The quantity of first mixture (whose ratio is 3 : 4) is required to make the 18 litres of the third kind of mixture is :
(a) 6 (b) 7 (c) 8
(d) 9 (e) None of these
53. From a tank of petrol, which contains 200 litres of petrol, the seller replaces each time with kerosene when he sells 40 litres of petrol (or its mixture). Everytime he sells out only 40 litres of petrol (pure or impure). After replacing the petrol with kerosene 4th time, the total amount of kerosene in the mixture is :
(a) 81.92 ℓ (b) 96ℓ (c) 118.08 ℓ
(d) Can't be determined (e) None of these
54. A man gets a simple interest of Rs. 1000 on a certain principal at the rate of 5 p.c.p.a. in 4 years. What compound interest will the man get on twice the principal in two years at the same rate?
(a) Rs. 1050 (b) Rs. 1005 (c) Rs. 11025
(d) Rs. 10125 (e) None of these

55. Find the area of the shaded region in the given figure of square ABCD:



- (a) 128 cm² (b) 192 cm² (c) 148 cm²
(d) 168 cm² (e) None of these
56. A and B together can complete a job in 8 days. Both B and C, working alone can finish the same job in 12 days, A and B commence work on the job, and work for 4 days, where upon A leaves, B continues for 2 more days, and then he leaves too, C now starts working, and finishes the job. How many days will C require ?
(a) 5 days (b) 8 days (c) 3 days
(d) 4 days (e) None of these
57. The distance between two cities A and B is 330km. A train starts from A at 8 am. and travels towards B at 60 km/hr. Another train starts from B at 9 am. and travels towards A at 75 km/hr. At what time do they meet?
(a) 10 am. (b) 10 : 30 am. (c) 11 am.
(d) 11 : 30 am. (e) None of these
58. A river is flowing with a steady speed of 4 km/h. One rows his boat downstream in the river and then returns by rowing upstream in the same river. When he returns to the starting point, the total distance covered by him is 42 km. If the return journey takes 2 h more than his outward journey, then the speed of his rowing in still water must be
(a) 12 km/h (b) 10 km/h (c) 9 km/h
(d) 8 km/h (e) None of these
59. The difference between the compound and the simple interest on a sum for 2 years at 10% per annum, when the interest is compounded annually, is Rs. 28. If the yearly interest were compounded half-yearly, the difference in the two interests will be :
(a) Rs. 44 (b) Rs. 28.35
(c) Rs. 43.41 (d) Rs. 43.29
(e) None of these
60. A starts business with a capital of Rs1200. B and C join with some investments after 3 and 6 months, respectively. If at the end of a year, the profit is divided in the ratio 2 : 3 : 5 respectively, what is B's investment in the business?
(a) 2400 (b) 180 (c) 3600
(d) 6000 (e) 5500
- Directions (61 – 65) : Study the table carefully to answer the following questions.**

Number of Units (in millions) Manufactured by Six Companies and Percentage of Units Sold over the Years

Company	Years											
	1999		2000		2001		2002		2003		2004	
	M	%	M	%	M	%	M	%	M	%	M	%
Toyota	18	92	20	85	22	79	30	78	28	79	23	94
Volkswagen	28	86	12	86	16	68	24	80	25	90	28	68
Samsung	16	75	16	93	24	84	26	82	26	80	30	82
Ford	12	78	14	90	24	82	20	84	27	75	32	77
HP	14	90	18	81	16	91	22	96	18	75	30	76
Hitachi	13	88	17	91	20	86	26	92	19	84	25	85

M – Number of units manufactured in millions

% – Percentage of units sold

61. What is the approximate percentage increase in the number of units sold by Hitachi in the year 2000 from the previous year ?
 (a) 7 (b) 35 (c) 42
 (d) 24 (e) 3
62. Which company has manufactured the least number of units over all the years together?
 (a) HP (b) Volkswagen (c) Hitachi
 (d) Ford (e) None of these
63. What is the number of units sold by Ford in the year 2003?
 (a) 2025000 (b) 202500000 (c) 20250000
 (d) 202500 (e) None of these
64. What is the number of units not sold by Volkswagen in the years 1999, 2002 and 2004 together?
 (a) 176800000 (b) 1768000 (c) 176800
 (d) 17680000 (e) None of these
65. Which company has sold the maximum number of units in the year 2001 ?
 (a) HP (b) Hitachi (c) Ford
 (d) Samsung (e) None of these

Directions (66- 70): What will come in place of the question mark (?) in the following number series ?

66. 8 14 32 58 124 (?)
 (a) 248 (b) 247 (c) 237
 (d) 238 (e) None of these
67. 25 41 89 169 281 (?)
 (a) 425 (b) 415 (c) 409
 (d) 419 (e) None of these
68. 461 474 465 478 469 (?)
 (a) 460 (b) 482 (c) 456
 (d) 478 (e) None of these
69. 980 516 284 168 110 (?)
 (a) 73 (b) 71 (c) 83
 (d) 91 (e) None of these
70. 4 5 8 27 104 (?)
 (a) 530 (b) 514 (c) 520
 (d) 509 (e) 525

Directions (71-75): What approximate value should come in place of the question mark (?)

71. $\frac{3420}{19} = \frac{?}{0.01} \times \frac{2401}{343}$
 (a) $\frac{35}{9}$ (b) $\frac{63}{5}$ (c) $\frac{18}{7}$
 (d) $\frac{9}{35}$ (e) None of these

72. $\frac{17.28 \div ?}{3.6 \times 0.2} = 200$
 (a) 120 (b) 1.20 (c) 12
 (d) 0.12 (e) None of these
73. $6\frac{1}{4} \times \frac{1}{4} + \frac{3}{4} - \frac{5}{16} = ?$
 (a) 5.9375 (b) 4.2968 (c) 2.1250
 (d) 2.0000 (e) None of these
74. $5329 + 4328 - 369 - 7320 = ?$
 (a) 1698 (b) 1998 (c) 1958
 (d) 1968 (e) None of these
75. $25 \times 26 + 35 \times 34 + 39 \times 41 = ?$
 (a) 3440 (b) 3330 (c) 3439
 (d) 3339 (e) None of these

Directions (76-80): The following questions are accompanied by three statements I, II and III. You have to determine which statement(s) is/are sufficient/necessary to answer the questions and mark your answer accordingly.

76. How much minimum marks is required to pass the examination?
- I. Student A secured 38% in the examination and failed by 8 marks. Student B secured 42% marks in the same examination and got 12 more than the minimum pass marks.
 II. Student A secured 35% of the total marks in the examination and failed by 23 marks. If he had secured 25 more marks his percentage of marks would have been 40%.
 III. A student will be declared passed, if he secures 39.60% of the total marks.
 (a) Any two of them (b) Only I
 (c) III and either I or II (d) Either I or II
 (e) None of these
77. What will be the share of R in the profit earned by V, R and A together?
- I. They together earned a profit of Rs. 54000 for a period of 1 yr.
 II. R's investment was 25% less than V's and 50% more than A's.
 III. The profit of V is Rs. 4000 more than that of A.
 (a) Only I and II together (b) II and either I or III only
 (c) Only II (d) Only II and III together
 (e) None of these
78. A boat takes 2 hours to travel from point A to B in still water. To find out the speed upstream, which of the following information is/are required?
 A. Distance between point A and B.
 B. Time taken to travel downstream from B to A.
 C. Speed of the stream of water.
 (a) All are required
 (b) Any one pair of A and B, B and C or C and A is sufficient.
 (c) Only A and B (d) Only A and C
 (e) None of these
79. What is the cost of flooring a rectangular hall?
 I. The length and the breadth of the hall are in the ratio 3 : 2.

- II. The length of the hall is 48 m and the cost of flooring is Rs. 850 per sq m.
- III. The perimeter of the hall is 160 m and the cost of flooring is Rs. 850 per sq m.
 (a) Only I and II (b) Only I and III
 (c) Only III (d) Any two of the three
 (e) None of these
80. Find the two-digit number.
- I. The sum of the squares of the two digits of the number is 26.
- II. The ratio between the two-digit number and the sum of the digit of that number is 5.2
- III. The digit in ten's place is 4 less than the digit in unit place.
 (a) Any one of them
 (b) Only I and II together are sufficient
 (c) Any two of the three together are sufficient
 (d) None of the above
 (e) all the three statements are not sufficient.

English Language

Directions (81-86): Read the following passage carefully and answer the question given below it. Certain words/phrases in the passage are printed in bold to help you locate them while answering some of the questions.

Among those who call themselves socialists, two kinds of persons may be distinguished. They are, in the first place, those who plan for a new order of society, in which private and individual competition are to be superseded and other motives to action substituted, are on the scale of a village community of township, and would be applied to an entire country by the multiplication of such self-acting units; of this character are the systems of Owen, of Fourier, and the more thoughtful and philosophic socialists generally. The other class, which is more a product of the continent than of Great Britain and may be called the revolutionary socialists, has people who propose to themselves a much bolder stroke. Their scheme is the management of the whole productive resources of the country by one central authority, the general government. And with this view some of them **avow** as their purpose that the working classes, or somebody on their behalf, should take possession of all the property of the country, and administer it for the general benefit.

Whatever may be the difficulties of the first of these two forms of socialism, the second may evidently involve the same difficulties and many more. The former, too has the great advantage that it can be brought into operation progressively, and can prove its capabilities by trial. It can be tried first on a select population and extended to the rest as their education and cultivation permit. It need not, and the natural order of things would not, become an engine of **subversion** until it has shown itself capable of being also a mean of reconstruction.

It is not so with the other: the aim of that is to substitute the new rule for the old at a single stroke, and to exchange the amount of good realized under the present system, and its large possibilities for a plunge without any preparation into the most extreme form of the problem of carrying on the whole round of the operations of social life without the motive power which has always hitherto worked the social machinery.

It must be acknowledged that those who would play this game on the strength of their own private opinion, unconfirmed as yet by any experimental verification—who would forcibly deprive all who have now a comfortable physical existence of their only present means of preserving it, and would brave the frightful bloodshed and **misery** that would ensue if the attempt was resisted—must have a **serene** confidence in their own wisdom on one hand and the recklessness of other peoples' suffering on the other, of which,

Robespierre and St. Just, were hitherto the typical instances. Nevertheless, this scheme has great elements of popularity which the more cautious and reasonable form of socialism has not; because what it professes to do, it promises to do quickly and holds out hope to the enthusiasts of seeing the whole of their aspirations realised in their own time and at a blow.

81. Who among of the following is not a socialist?
 (a) Robespierre (b) Fourier (c) Owen
 (d) St. Just (e) All are socialists
82. Which of the following, according to the author, is true?
 (a) The second form of socialism has more difficulties than the first.
 (b) The second form of socialism has the same difficulties as the first.
 (c) The second form of socialism has less difficulties than the first.
 (d) The author has not compared the difficulties of the two.
 (e) None of these.
83. According to the author, the difference between the two kinds of socialists is that
 (a) one consists of thinkers and the others are active people.
 (b) the first have a definite philosophy and the second don't have any definite philosophy.
 (c) the first believe in gradual change while the others believe in revolutionary change.
 (d) the first are the products of Britain, while the others are products of Russia.
 (e) None of these
84. Which of the following according to the author, may not be the result of not verifying the desirability of socialism experimentally first?
 (a) Bloodshed
 (b) Deprivation of current comfortable existence
 (c) Corruption in high places
 (d) Misery caused by resisting the change
 (e) None of these
85. According to the philosophy of revolutionary socialism,
 (a) the government takes over the villages first, and then gradually the whole country.
 (b) the government takes over all productive resources of the country at one stroke.
 (c) the government declares a police state and rules by decree.
 (d) there is no government as such: the people rule themselves by the socialist doctrine.

- (e) None of these
86. It may be inferred from the passage that the author's sympathies are for
- neither side.
 - the side of the socialist doctrine.
 - the second type of socialism.
 - the first type of socialism.
 - None of these.

Directions (87-88): Choose the word/group of words which is **MOST OPPOSITE** in meaning to the word/group of words printed in **bold** as used in the passage.

87. **SUBVERSION**

- Fealty
- Sedition
- Insurrection
- Treason
- uprising

88. **SERENE**

- perturbed
- placid
- phlegmatic
- stoical
- tranquil

Directions (89-90): Choose the word/group of words which is **MOST SIMILAR**, in meaning to the word/group of words printed in **BOLD** as used in the passage.

89. **AVOW**

- Repudiate
- Abjure
- proclaim
- affirm
- Deny

90. **MISERY**

- complacency
- self-approbation
- gratification
- forlorn
- indulgence

Directions (91-95): Rearrange the following six statements (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- Most investors feel they lose out when the market rallies.
- There are times when one is not sure of the direction in which a sector will move.
- Every time such a thing happens you wish to include in your portfolio some of the stocks scaling the new highs every day.
- While the index and several scripts may be running with each passing day, the investor may find that the specific shares in his portfolio are hardly moving.
- All this can lead to rash decisions.
- Picking a winner even within a booming sector is tough.

91. Which of the following should be the **SECOND** sentence after rearrangement?
- A
 - B
 - C
 - D
 - E
92. Which of the following should be the **FOURTH** sentence after rearrangement?
- E
 - B
 - C
 - D
 - F
93. Which of the following should be the **THIRD** sentence after rearrangement?
- E
 - B
 - C
 - D
 - E
94. Which of the following should be the **FIFTH** sentence after rearrangement?
- A
 - B
 - C
 - D
 - E
95. Which of the following should be the **SIXTH (last)** sentence after rearrangement?
- B
 - C
 - D
 - E
 - F

Directions (96-100): A part of the sentence is underlined below are given alternatives to the underlined part at (a), (b), (c) and (d) which may improve the sentence choose the correct alternative

and mark your answer in the answer sheet. In case no improvement is needed, our answer is (e)

96. He has even venturing into areas which he had shunned.
- had even venturing into
 - even is being venture into
 - has even been venturing into
 - has even been ventured in
 - No correction required
97. I am glad to hear that you narrowly escaped being run over by a speeding car yesterday.
- by being run over by
 - to run over by
 - run over down by
 - being over run by
 - No correction required
98. His speech was optimistic, but at the end of it he stroke a note of caution.
- strike a note of caution
 - struck for a note of caution
 - striked a note of caution
 - struck a note of caution
 - No correction required
99. I did not like his comments on my paper but I had no alternative as I have agreed to keep quiet.
- I have to agree to keep quiet
 - I had agreed to keep quiet
 - I had agreed for keeping quiet
 - I have to agree for keeping quiet
 - No correction required
100. The police nabbed a notorious criminal who had been terrorizing builders and extorted money from them for the past two years.
- was terrorizing builders and extorted
 - had not been terrorized builders and extorted
 - had been terrorizing builders and extorted
 - had terrorized builders and extorted
 - No correction required

Directions (101-105): The Following questions have two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

101. The hutment dwellers were jubilant when the government _____ an apartment to each of them at _____ rates.
- demolished, fast
 - announced, less
 - provided, high
 - acquired, low
 - promised, subsidised
102. A controversial plan to build an immense dam in Brazil's rainforest was stalled when it _____ a formidable bloc of _____ in ecologists and indigenous tribes alike.
- resulted, hostilities
 - gained, supporters
 - attracted, opponents
 - lead, protesters
 - drew, proponents
103. According to a recent survey, sales figures of high-end cars have seen an _____ growth in the past year, which shows that Indian consumers have _____ the impact of recession.
- unprecedented, negated
 - unbelievable, suffered
 - unusual, worsened
 - insignificant, endured
 - adequate, proven

104. The National Knowledge Commission has said that India will have to bring _____ in education if it has to emerge as the most _____ workforce of the world.
 (a) changes, biggest (b) reforms, talented
 (c) alleviation, skilful (d) quality, brighter
 (e) outcomes, demanded
105. Norway has stolen a march over other developed countries by _____ that it would reduce 40% of its greenhouse gas emissions by 2020 and _____ carbon-neutral by 2030.
 (a) allowing, turn (b) posing, grew
 (c) estimating, exist (d) perceiving, arising
 (e) declaring, become

Directions (106-110): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is e). (Ignore errors of punctuation, if any.)

106. Since the online education system (a) / has been poorly designed there (b) / are not many institute (c)/ that offer this facility. (d) / No error (e)
107. Most companies neglect (a)/ to spend none (b)/ of their resources (c)/ on training older employees (d)/ No error (e)
109. We are still (a)/ waiting for the (b)/ committee decision about (c)/ the pension plan (d)/ No error (e)
109. Your success in the IAS examinations depends not only on (a)/ what papers you have selected (b) / but on how (c)/ you have written them.(d) / No Error (e)
110. The introduction of (a)/ job – oriented courses (b) / in the self – financing colleges (c) / attract many students (d) / No error (e)

Directions (111-120): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriately. Find out the appropriate word in each case:

Without doubt, there is one thing **(111)** to all of us. We have played a game at some time in our lives. Most of us play to relax or have fun, but for many playing a game or a sport is a way to **(112)** poverty behind. In fact, in many African countries, playing a sport professionally can **(113)** the lives of a person's entire family. For example, in the small town of Bekoji, in Ethiopia **(114)** than a hundred boys and girls can be seen running at dawn every day. Each of these youth is **(115)** and serious and their coach is **(116)** that one of them will be a world champion. This seems like an idle **(117)** but it is virtually a guarantee in this small community **(118)** mainly farmers. Many of the fastest male and female distance runners in the world hail from this small town. A small hand painted sign which greets visitors outside Bekoji **(119)** "Welcome to the Village of Athletes". Children here start running at an early age, **(120)** great distances to fetch water and firewood or to reach school. At the Olympics, runners from this small town are likely to win more medals than those from developed countries. It will give their families a way out of poverty.

111. (a) accepted (b) common (c) alike
 (d) similar (e) popular
112. (a) alleviate (b) forgot (c) prevent

- (d) reduce (e) leave
113. (a) changes (b) arrange (c) control
 (d) transform (e) shift
114. (a) further (b) more (c) greater
 (d) over (e) larger
115. (a) concentrated (b) rival (c) focused
 (d) playful (e) performed
116. (a) convince (b) optimist (c) intended
 (d) privilege (e) confident
117. (a) boast (b) suspicion (c) risk
 (d) worship (e) precaution
118. (a) existing (b) that (c) comprising
 (d) consisting (e) for
119. (a) warn (b) inform (c) notices
 (d) reads (e) wish
120. (a) covering (b) driving (c) measuring
 (d) following (e) competing

SOLUTIONS:

Directions (1-5):

1. (a)

(M)	(F)	(F)	(F)	(M)	(M)	(M)
D	F	E	C	A/G	A/G	B
Surat	Jammu	Bikaner	Jalandhar	Ladakh	Srinagar	Chandigarh
6	7	1	2	3	4	5

(F) = A/G (C) = A/G

2. (d)

(M)	(F)	(F)	(F)	(M)	(M)	(M)
D	F	E	C	A/G	A/G	B
Surat	Jammu	Bikaner	Jalandhar	Ladakh	Srinagar	Chandigarh
6	7	1	2	3	4	5

(F) = A/G (C) = A/G

3. (d)

(M)	(F)	(F)	(F)	(M)	(M)	(M)
D	F	E	C	A/G	A/G	B
Surat	Jammu	Bikaner	Jalandhar	Ladakh	Srinagar	Chandigarh
6	7	1	2	3	4	5

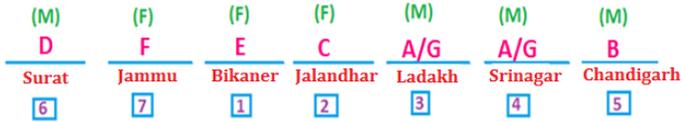
(F) = A/G (C) = A/G

4. (d)

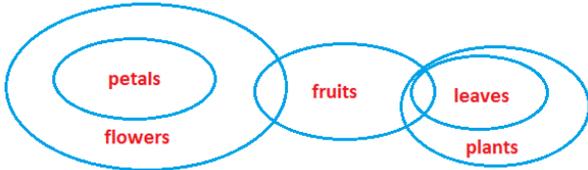
(M)	(F)	(F)	(F)	(M)	(M)	(M)
D	F	E	C	A/G	A/G	B
Surat	Jammu	Bikaner	Jalandhar	Ladakh	Srinagar	Chandigarh
6	7	1	2	3	4	5

(F) = A/G (C) = A/G

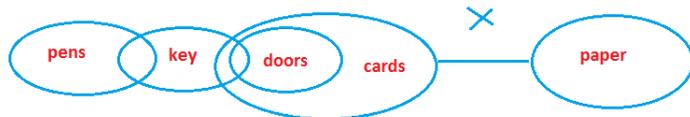
5. (e)



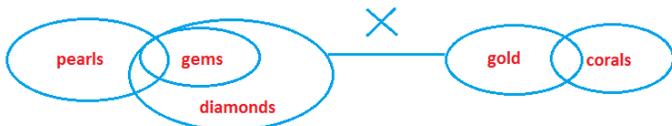
6. (b)



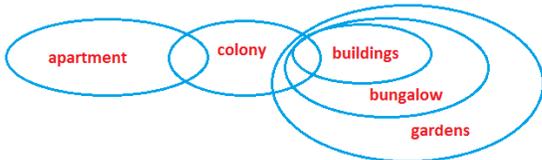
7. (d)



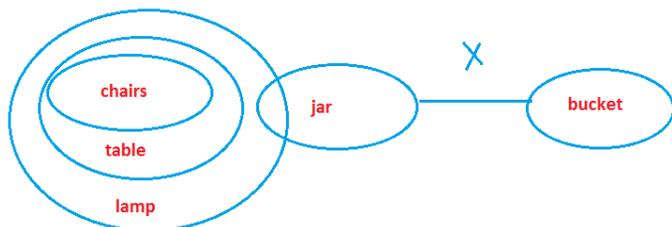
8. (c)



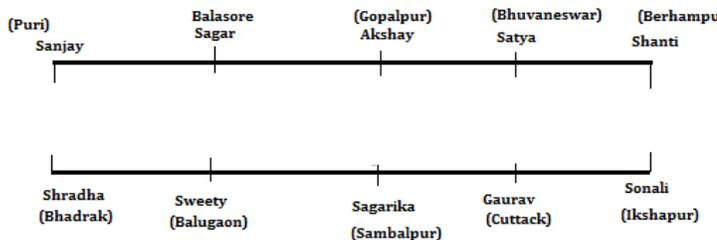
9. (b)



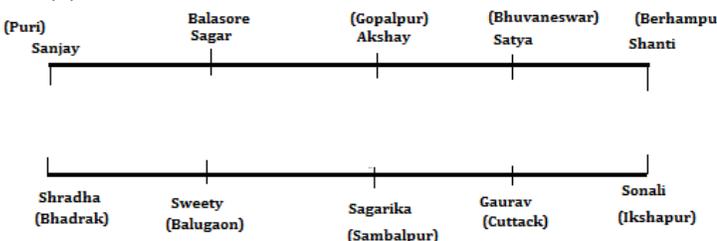
10. (c)



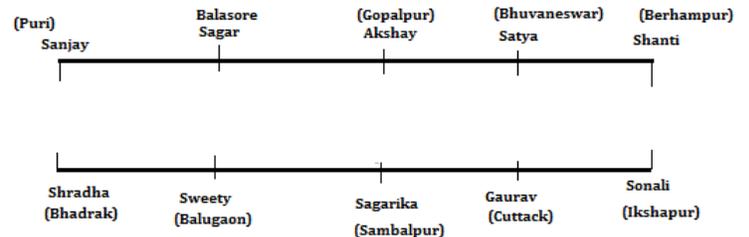
11. (b)



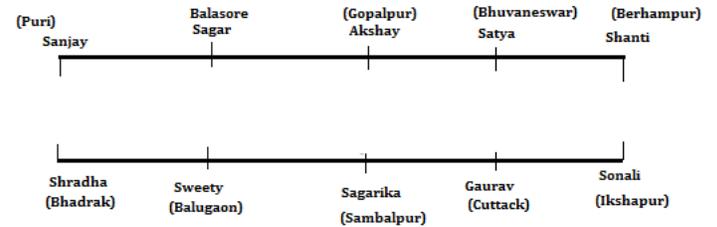
12. (d)



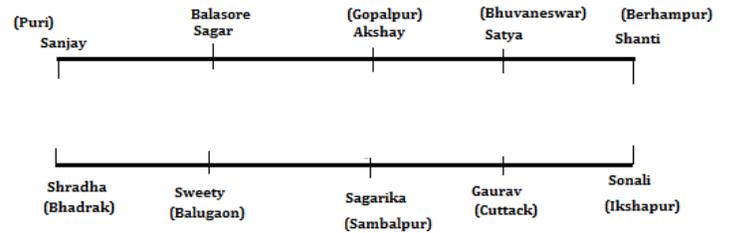
13. Ans.(d)



14. (c)



15. (d)



- (d) I is not implicit because 'spate of defeats' can't be correlated with the statement. On a similar basis II also can't be correlated with the statement.
- (d) The request of the city police implies that the city police assume that 'some people have grievances'. Assumption I is not implicit due to the words 'All categories'. II is also not implicit because the statement does not say anything about flying squad of Vigilance branch.
- (b) Non-biodegradable nature of plastic bag can't be correlated with the statement because the statement does not say whether plastic is biodegradable nor non-biodegradable. Hence, I is not implicit. But II is obviously implicit. That is why the scientist uses the word 'Beware' in his statement before asserting the negative features of plastic.
- (c) From statement I, if the first Sunday was on 5th of August, then the last Sunday will be on 26th of August. From statement II, If the last day i.e. 31th is Friday, then 26th August was last Sunday. Hence either statement I or statement II alone is sufficient to answer the question.
- (e) Using both statements, there are 21 children in the row. N is 11th from the left and M is 15th from the left. So there are three children between M and N.
- (b) First statement is not sufficient to find the answer. From second statement we can say that R is mother of S.
- (c) From first statement, the order is I _ G H. Hence H is to the immediate right of G. From second statement, the order is G H K. Hence H is to the immediate right of G. Hence either statement I or statement II alone is sufficient to answer the question.
- (c) From statement I, 3 is common between '32' and '637'.

Hence '3' means 'habit' and '2' means 'harmful'. From statement II, 4 is common between '64' and '842'. So '4' means 'drinking' and 2 means 'harmful'. Thus '3' means habit. Hence either statement I or statement II alone is sufficient to answer the question.

24. (b)
 ≥--\$
 >--@
 =--+
 <--#
 ≤--*

25. (e)
 ≥--\$
 >--@
 =--+
 <--#
 ≤--*

26. (e)
 ≥--\$
 >--@
 =--+
 <--#
 ≤--*

27. (a)
 ≥--\$
 >--@
 =--+
 <--#
 ≤--*

28. (e)
 ≥--\$
 >--@
 =--+
 <--#
 ≤--*

29. (a) Option (a) may be the cause of vacant seat in the engineering colleges because due to the recession, the number of jobs available are decreasing day by day, hence the unemployment is increasing in the engineering sector. So (a) is the correct option.

30. (e)

Only	Na
In	Pu
Serial	To
Order	Ve
The	Su
State	Li
Logical	Ri
Idea	Jo
Or	Zt/bk
Theory	bk/Zt

31. (c) state logical serial order

Only	Na
In	Pu
Serial	To
Order	Ve
The	Su

State	Li
Logical	Ri
Idea	Jo
Or	Zt/bk
Theory	bk/Zt

32. (a) jo na ri ge ve.

Only	Na
In	Pu
Serial	To
Order	Ve
The	Su
State	Li
Logical	Ri
Idea	Jo
Or	Zt/bk
Theory	bk/Zt

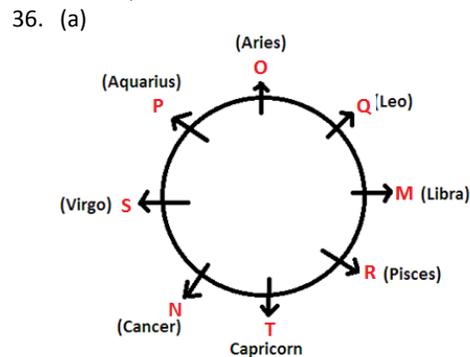
33. (b)

Only	Na
In	Pu
Serial	To
Order	Ve
The	Su
State	Li
Logical	Ri
Idea	Jo
Or	Zt/bk
Theory	bk/Zt

34. (c)

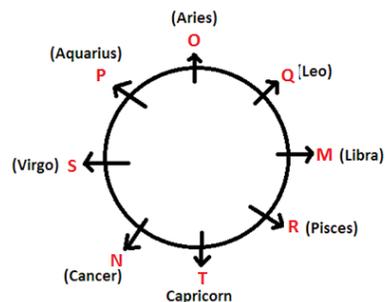
Only	Na
In	Pu
Serial	To
Order	Ve
The	Su
State	Li
Logical	Ri
Idea	Jo
Or	Zt/bk
Theory	bk/Zt

35. (b) Option (b) may be a possible effect of big pig holes developed on the roads.



Sol.

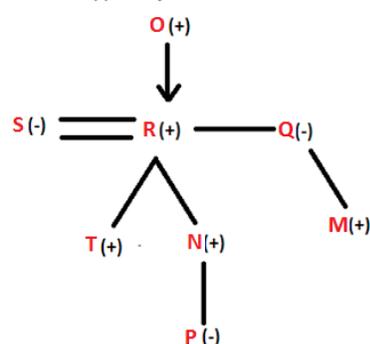
39. (a)



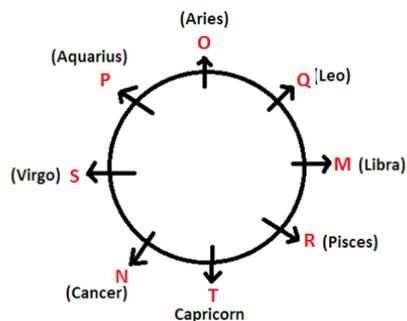
Sol.

Family Tree

(+) → Male
(-) → Female



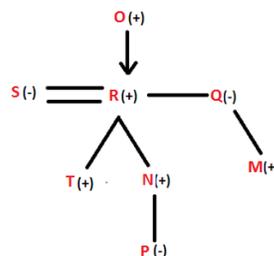
40. (d)



Sol.

Family Tree

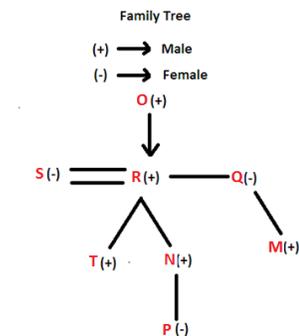
(+) → Male
(-) → Female



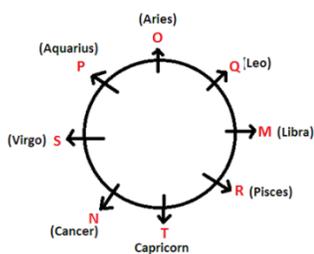
41. (b); $43 \times x = 42x + 20$
 $x = 20$

42. (c); Total age of the family 4 year ago = $25 \times 6 = 150$ year
At present, total age = $7 \times 25 = 175$

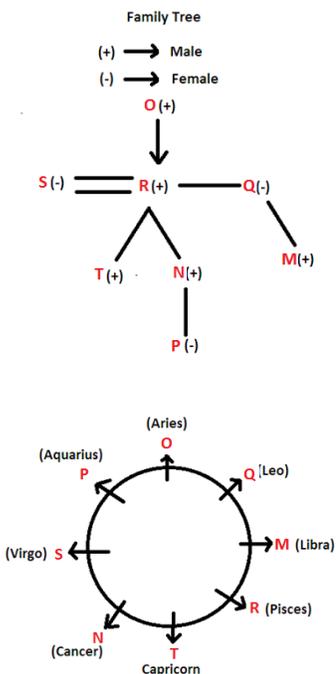
37. (c)



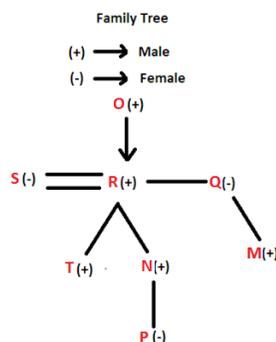
Sol.



38. (e)



Sol.

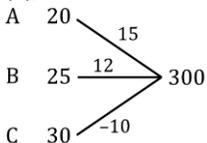


$$\therefore 150 + (6 \times 4) + x = 175$$

$$174 + x = 175$$

$$x = 1 \text{ year}$$

43. (a);



In 3 hours part of the tank filled = $15 + 12 - 10 = 17$

In 51 hours part of the tank filled = $17 \times 51 = 289$

$$\therefore \text{Required time} = 51 \frac{(300-289)}{15} = 51 \frac{11}{15}$$

44. (b); CP of 1 toy = $(100 + 5 + 27) = 132$ Rs.

$$\text{CP of 50 toys} = 132 \times 50$$

$$\text{SP of 25 toys} = \frac{132 \times 25}{2}$$

Let required percentage = $x\%$

$$\therefore \frac{132 \times 25}{2} + \left(\frac{100+x}{100}\right) \times (25 \times 132) = \frac{150}{100} \times 132 \times 50$$

$$1650 + 3300 + 33x = 9900$$

$$4950 = 33x$$

$$x = 150\%$$

45. (b); Let initial CP = 100 Rs.

When the shopkeeper cheats from manufacturer then he will get 110 units in the price of 100 units

$$\therefore \text{profit \%} = \frac{10}{100} \times 100 = 10\%$$

$$\therefore \text{New price} = \text{Rs. } 110 \text{ Rs.}$$

$$\text{Now MP} = 132$$

$$\text{SP} = 132 - 26.4$$

$$= 105.60$$

Now the shopkeeper cheats from the customer

He actually sells 90 units instead of 100 units

$$90 \rightarrow 100$$

$$1 \rightarrow \frac{100}{90}$$

$$110 \rightarrow \frac{100}{90} \times 110 = \frac{1100}{9}$$

$$\text{SP of actual 110 unit} = \frac{105.6}{110} \times \frac{1100}{9} = 117 \frac{1}{3}$$

$$\text{His net profit} = 17 \frac{1}{3}\%$$

46. (c); Required Answer = $\frac{35}{100}(30 + 15 + 15)$

$$= \frac{35 \times 60}{100} = 21 \text{ lakh}$$

47. (a); it can be clearly seen from the graph that maximum variation in production in production is of aircel sim cards = $(40\% \text{ of } 44 \text{ lakh} - 30\% \text{ of } 35 \text{ lakh}) = 7.1 \text{ lakh}$

48. (a); Required difference = $\frac{44 \times 20}{100} - \frac{35 \times 15}{100}$

$$= \frac{880 - 525}{100}$$

$$= \frac{355}{100} \text{ lakh}$$

$$= 355000$$

49. (b); Required production = $\frac{44 \times 30}{100} \text{ lakh} = 1320000$

50. (c); Required No. = $35 \times \frac{10}{100} \times \frac{15}{100} + 44 \times \frac{10}{100} \times \frac{15}{100}$

$$= \frac{150}{10000} \times 79$$

$$= 1.1850 \text{ lakh}$$

$$= 118500$$

51. (c); M.P. of mobile handset = $\frac{3325}{95} \times 100$

$$= 3500 \text{ Rs.}$$

$$\therefore \text{tax} = \frac{20}{100} \times 3500$$

$$= 700 \text{ Rs.}$$

$$\therefore \text{Total discount} = (3500 - 3325) + 700$$

$$= 875 \text{ Rs.}$$

52. (b); Alcohol in First Mixture = $\frac{3}{7}$

$$\text{Alcohol in second mixture} = \frac{5}{11}$$

$$\text{Alcohol in Final mixture} = \frac{4}{9}$$

$$\therefore \frac{\frac{3}{7}}{\frac{1}{99}} : \frac{\frac{5}{11}}{\frac{1}{63}}$$

$$\therefore \text{Ratio} = \frac{1}{99} : \frac{1}{63} = 7 : 11$$

$$\therefore \text{Required quantity} = \frac{7}{18} \times 18 = 7 \text{ litres}$$

53. (c); The amount of petrol left after 4 operations =

$$200 \left(1 - \frac{40}{200}\right)^4$$

$$= 81.92 \text{ litres}$$

$$\therefore \text{amount of kerosene} = 200 - 81.92$$

$$= 118.08 \text{ litres}$$

54. (e); $P = \frac{1000 \times 100}{4 \times 5} = 5000$ Rs.

$$\text{Required C.I.} = 10000 \left[\left(1 + \frac{5}{100}\right)^2 - 1\right]$$

$$= 10000 \times \frac{41}{400} = 1025 \text{ Rs.}$$

55. (a); Required Area of the shaded region = $(16)^2 -$

$$\left[\frac{1}{2} \times 6 \times 8 + \frac{1}{2} \times 8 \times 6 + \frac{1}{2} \times 16 \times 10\right]$$

$$= 256 - 128$$

$$= 128 \text{ cm}^2$$

$$56. (d); (A + B)'s 4 \text{ days work} = \frac{4}{8} = \frac{1}{2}$$

$$B's 2 \text{ days work} = \frac{2}{12} = \frac{1}{6}$$

$$\therefore \text{Remaining work} = 1 - \left(\frac{1}{2} + \frac{1}{6}\right) = \frac{1}{3}$$

$$\therefore \frac{1}{\frac{1}{12}} = 4 \text{ days} = \text{days that C require}$$

57. (c); Let the time taken by train A when it meet = t

Let the time taken by train B when it meet = $(t - 1)$

$$\therefore 60t + 75(t - 1) = 330$$

$$T = 3 \text{ hrs}$$

\therefore both train will meet at 11 AM.

58. (b); Speed of current = 4 km/hr

Speed of rowing in still

$$\text{Water} = x \text{ km/hr}$$

$$\text{Distance (d)} = \frac{42}{2} = 21 \text{ km}$$

$$\text{Then, } \frac{21}{x-4} = 2 + \frac{21}{x+4}$$

$$21 \left(\frac{1}{x-4} - \frac{1}{x+4}\right) = 2$$

$$x^2 = 100$$

$$x = 10 \text{ km/h}$$

59. (c); Let amount = 100

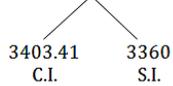
⇒ for compound interest ⇒ 100 → 121

Simple interest ⇒ 100 → 120

⇒ 1 → 28

⇒ Principal = 2800

⇒ 2800 when, compounded half- yearly.



Difference = 43.41

60. (a); Profit ratio of A, B and C is $(1200 \times 12) : (x \times 9) : (y \times 6) = 2 : 3 : 5$

Taking first and second terms we get

$$1200 \times 12 : 9x = 2 : 3$$

$$1200 \times 12 \times 3 = 9x \times 2$$

$$\therefore x = \frac{1200 \times 12 \times 3}{18} = 2400$$

61. (b); Required % = $\frac{15.47 - 11.44}{11.44} \times 100$
 $= \frac{4.03}{11.44} \times 100 \approx 35\%$

62. (a); Toyota – 141
 Volkswagen – 133
 Samsung – 138
 Ford – 129
 HP – 118
 Hitachi – 120
 Required company = HP

63. (c); Required units = $\frac{75}{100} \times 27 = 20.25$ million
 = 20250000

64. (d); Required units = $\left(\frac{100-86}{100}\right) \times 28 + \left(\frac{100-80}{100}\right) \times 24 +$
 $\left(\frac{100-68}{100}\right) \times 28$
 $= 3.92 + 4.8 + 8.96$
 $= 17.68$
 $= 17680000$

65. (d); Unit sold by Toyota in 2001 = 17.38
 Unit sold by Volkswagen in 2001 = 10.88
 Unit sold by Samsung in 2001 = 20.16
 Unit sold by Ford in 2001 = 19.68
 Unit sold by HP in 2001 = 14.56
 Unit sold by Hitachi in 2001 = 17.2
 Required company = Samsung

66. (d); The pattern is : $\times 2 - 2, \times 2 + 4, \times 2 - 6, \times 2 + 8 \dots \dots$
 Required no- 238

67. (a); The pattern is :
 $25 + 1 \times 16 = 41$
 $41 + 3 \times 16 = 41 + 48 = 89$
 $89 + 5 \times 16 = 89 + 80 = 169$
 $169 + 7 \times 16 = 169 + 112 = 281$
 $281 + 9 \times 16 = 281 + 144 = 425$

68. (b); The pattern is :
 $461 + 13 = 474$
 $474 - 9 = 465$
 $465 + 13 = 478$
 $478 - 9 = 469$
 $469 + 13 = 482$

69. (e); The pattern is :
 $(980 \div 2) + 26 = 516$
 $(516 \div 2) + 26 = 284$

$$(284 \div 2) + 26 = 168$$

$$(168 \div 2) + 26 = 110$$

$$(110 \div 2) + 26 = 81$$

70. (e); The pattern is : $\times 1 + 1, \times 2 - 2, \times 3 + 3, \times 4 - 4 \dots \dots$
 Required no- 525

71. (d); $\frac{3420 \times 0.01}{19 \times 7} = \frac{3420}{19 \times 700} = \frac{9}{35}$

72. (d); $? = \frac{17.28}{3.6 \times 0.2 \times 200} = 0.12$

73. (d); $6.25 \times 0.25 + 0.75 - 0.3125 = 2.0000$

74. (d);

75. (c); $25 \times 26 + 35 \times 34 + 39 \times 41$
 $= 650 + 1190 + 1599$
 $= 3439$

76. (d); From I – 4% → 20
 100% → 500

$$\text{Minimum passing marks} = \frac{38}{100} \times 500 + 8 = 198$$

From II,

$$5\% \rightarrow 25$$

$$100\% \rightarrow 500$$

$$\text{Minimum passing marks} = \frac{35}{100} \times 500 + 23 = 198$$

From III,

We can't determine the minimum passing marks from it.

∴ with the help of statement I or II we can get the required value.

77. (b); From I, Total profit = 54000

Time = 1 year

From II, we will get the ratio of their investment = 3 : 4 : 2

From III, profit of V = profit of A + 4000

$$4x = 2x + 4000$$

$$2x = 4000$$

$$x = 2000$$

From II and either I or III, we can get the share of R.

78. (b); Let distance = d

Speed in still water = x

Speed of current = y

$$\therefore \frac{d}{x} = 2$$

From A, d given

$$B, \frac{d}{x+y} = \text{given}$$

C, y = given, soupstream speed can be calculated by using any 2 of the 3 statements

79. (d); From I, $l : b = 3 : 2$

From II, length = 48 m

Cost of flooring = 850 per sq m

$$\therefore l = 48\text{m}$$

$$b = 32\text{ m}$$

$$\text{Area} = 48 \times 32$$

$$\text{Required price} = 48 \times 32 \times 850 \text{ Rs.}$$

From III, perimeter = 160

$$\text{Length} = 3 \times 16 = 48 \text{ m}$$

$$\text{Breadth} = 16 \times 2 = 32 \text{ m}$$

$$\therefore \text{Required cost} = 48 \times 32 \times 850 \text{ Rs.}$$

∴ we can get the cost of flooring a rectangular hall any of the two statements.

80. (c); Let the required number = $10x + y$

$$\text{From I} = x^2 + y^2 = 26$$

From II, $(10x + y) : (x + y) = 5 : 2$

From III, $x = y - 4$

$y - x = 4$

We can get the value of x and y with the help of any of the two statements.

81. (d); All are socialists, though Robespierre has been mentioned as an example of a person who till now was thought to be a typical instance of attributes needed for being a revolutionary socialist, does come up to them.
82. (a); Refer to the line from paragraph 2...,"Whatever may be the difficulties of the first of these two forms of socialism, the second must evidently involve the same difficulties and many more" which explains that option (a) is the right answer choice.
83. (c); The answer to this question can be found in paragraph 1 of the passage. It explains that the first believe in gradual change while the others believe in revolutionary change. Option (c) is the right choice.
84. (c); Option (c) does not find a mention in the passage.
85. (b); It is directly given in the passage that the aim of revolutionary socialism is to take over everything and then things in one go. This makes option (b) the correct answer.
86. (a); The author does not exhibit sympathies for any one side in particular. He adopts a descriptive approach in the passage
87. (a); **Subversion** means overthrowing something, like a government or law hence fealty is the word most opposite in meaning.
87. (a); **Serene** means calm, peaceful, and untroubled; tranquil hence perturbed is the word most opposite in meaning.
89. (c); **Avow** means 'To declare or affirm solemnly and formally as true'. Proclaim means "Declare formally; declare someone to be something; of titles'.
90. (d); **Misery** means a state or feeling of great physical or mental distress or discomfort hence forlorn is the word most similar in meaning.

91. (d)
92. (a)
93. (c)
94. (b)
95. (e)
96. (d); Here the correct form of present perfect continuous tense should behave/has been +verb (ing). Hence option (c) is the correct choice.
97. (e); There is no correction required.
98. (d); The main verb is 'strike' and its past participle form is 'struck' which should be used, between option (b) and (d), option (d) is correct but option (b) is incorrect as it has an additional preposition 'for'.
99. (b); Replace 'have' with 'had' as the given sentence is in past tense.
100. (c)
101. (e); **Subsidize** means to support (an organization or activity) financially.
102. (c)
103. (a); **Unprecedented** means never done or known before.
104. (b)
105. (e)
106. (c); Substitute plural 'institutes' for 'institute'
107. (b); Use 'any' in place of 'none'. Double negatives are not used in a sentence.
108. (e); The sentence is correct.
109. (c); Some Conjunctions are used in pairs. '**Not only but also**' is the correct correlative.
110. (d); Change **attract** into **attracts**. The subject **The introduction** is singular. It requires a **singular verb**.
111. (b) 112. (e) 113. (d)
114. (b) 115. (c) 116. (e)
117. (a) 118. (c) 119. (d)
120. (a)

Directions (91-95): the correct sequence is **ADCEBF**

Current Affairs & Daily GK Updates for all government jobs.

Competition Power monthly Magazine so that you don't miss out on anything.

Quick Quizzes updated daily to help you practice more and excel.

Topic-wise explanatory Videos by expert faculties of Career Power.

Latest Jobs, fresh Vacancy Alerts and Result notifications.

Adda 247
The Learning App

Preparing for **Government Job Examinations?**

Download the Adda247 App and boost your chances.

An initiative of team

sscadda.com

bankersadda.com

GET IT ON **Google Play**

LIST OF DISTRIBUTORS

Andhra Pradesh / Telangana - Shams News Agency (040-30680837/40/41), B/H Agra Sweets Opp. Ramakrishana Theater, Hyderabad -500001|Sri Rajeshwari Book Links (0891-2541415), D. No. 30-6-8, Opp. Premasamjam, Dabagardens, Visakhapatnam - 530020.

Assam - Durga News Agency (09435049511/09864538544), Cotton College Hostel Road, Guwahati – 781001| Stationery Stores (0374-2330104), New Market, Tinsukhia - 786125.

Bihar - Dayanand News Agency (9431041221), Shop No. 23, 24 Bhudha Plaza Bhudha Marg, Patna-800001 | Eastern News Agency (9334115121), New Market, Patna – 800001 | Manoj News Agency (9905271351), Buddhaplaza, Shop No. 5/25 Buddha Marg, Patna-800001 | Sai Nath Book Stall (9097733330/9304884357), M P D Road, Vinayak Apartment Opp- Alka Hotel Station, Chowk, Bhagalpur -812002 | Annu Book Stall (9386012097), Golaroad, Durgasthan, Muzaffarpur - 842001

Gujarat - Ravi Book Centre (9825628116), B/H K.B. Commercial Centre, Near Gujarat Samachar, Ahmedabad -380001.

Haryana - E.B.S. News Agency (9814110136 / 09435140817), SCO 33, Sector 21/ C, Chandigarh -160022 | Arora News Agency (9813057761/0171-2633240)- 23, Gandhi Market, Ambala Cantt - 133001 | Fair-Deal Book Centre (9896054814), Circular Road, Near Apex Hospital, Sirsa – 125055.

Jammu & Kashmir - Sheela Book Depot (9419146803), Kachhi Chavani , Jammu-180001.

Jharkhand - Gyan Bharti (9835196111), Near Kali Mandir, Kali Sthan Road, Ranchi-834001 | Shivam Books (9472792061), Plot No. – 56, Co-operative Colony, Bokaro Steel City – 807001 | Alka Book Agency (9304472780), Ashoka Market, SN Road, Upper Bazar, Near Chaotic Durga Mandir, Ranchi-01

Karnataka - Forum Book House (9886769721), 170/1, Rashtriya Vidyalay Road, Visveswara Puram, Bangalore - 560004 – Karnataka

KERALA - St. Mary's Book Depot (9995457553), Mary Cleetas, Ottaplavilayl, House no.- 3, Thevally Nagar, Thevally PO., Kollam-691009| Ideal Books (B.J. Kumar) (9846014411), 26/2082, Sandhya Tutorlane Statue, Trivendrum – 695001| Ideal Books and Magazine (8138074411/0484-3365367) - SMRA-42, St. Martin Road, Palari, Vattom, Ernakulam-25

Madhya Pradesh - Life Book House (9826313349), Shop No.7, Masjid Betul, Mukarram Subji Mandi Road, Bhopal-462001.

Maharashtra - Bhootada News Agency (9890121123), 27 Budhwar Peth, Siddharth Chambers, Appa Balwant, Pune - 411002| Pathak Brothers (9823125806), S.N.7, Mehar Prashad Complex, Ramdas Peth., Nagpur - 440010 | National Book Center (9371637499), Mahajan Market, Sitabuldi , Nagpur-12 | Nathe Books Distributor (0712-6507977), 65, Radhika Palace, Hanuman Nagar Road, Hanuman Nagar, (Near Medical Square), Nagpur – 440024 | Janta News Agency (8879612757), 146 D.N. Road, Mahendra Chamber, Mumbai – 400001.

New Delhi – J & L Sons (9899367669) - Shaheed Bhagat Singh Palace Ndmc Complex, Gol Market – 1.

Odisha - Sri Abhiram Gyan Mandir (09438847111 / 09437871666), Marichikote Lane, Puri-752001 | A.K. Nayak (09861046179/09861049987), Old Bus Stand, Book Stall, B-15, Sect, 13, Bhubaneshwar -751009 | Orissa Book Distributor (9338105078), Station Bazar, Cuttack-753003 | Shiv Shakti Pustakalay (9861197354), Sec- 2, Bus Stand, Rourkela-769006.

Punjab - Chopra News Agency (9815752531), 25, Clock Tower, Near Syndicate Bank, Ludihyana-141000 | Pt. Beliram & Sons (9815022966 / 09888384103), Sri Guru Ram Das Mandir, Opp. Hall Gate, Amritsar-143001.

Rajasthan - Garg Book Depot (9414663853), 158, Barkat Nagar, Tonk-Phatak, Jaipur-305001.

Tamilnadu - Easwari Agencies (9840035283), Old No.-55, New No.-117, Egmore High Road, Egmore, Chennai – 600008.

Uttar Pradesh - Shyam Sunder Gupta (9450140350), S.NO. 8, Paper Market Railway Bazar, Kanpur Cantt - 208804 | Gaurav Books Distributor (8173997477), C - 31/23 Englishiya Line Road, Cantt, Varanasi- 221102 | Diwan News Agency (9452379590), Sadar Bazaar, Jhansi - 284001| Eclate Book Center (9838925586), 8, University Road, Allahabad-211002 | Kalyani Prakashan (8090059815/ 9235556183), C/O Om Prakash Pandey, First Floor, Prakash Complex, Awadh Hospital Chauraha (Nehar Chauraha), Above Badnam Laddoo, Alambagh, Lucknow – 226005 | Students Corner (9415210262), Golghar, Cinema Road, Gorakhpur -273701

West-Bengal - Vishal Book Centre (033-22527816 / 22523709), 4, Tottee Lane, Kolkata -700016.

Date of Publishing: 01.10.2016

Date of Dispatch: 10 & 11 November
at Krishna Nagar Post Office, Delhi-110051

Volume: 1st Issue : 14th



CAREER POWER
AN IIT/IIM ALUMNI COMPANY

Premier Institute for All Govt. Competitive Exams

SUCCESS
SPEAKS FOR US

250+

Selections in SBI PO Mains 2016

10,443+

Selections in SBI Clerk PRE

6,330+

Selections in IBPS Clerk-V 2016

12,057+

Selections in IBPS Clerk PRE 2015

550+

Selections in SBI PO MAINS 2015

1,042

Selections in SBI PO PRE 2015

SUPPORTS



बेटी बचाओ
बेटी पढ़ाओ

FLAT 50% OFF MISSION

FOR ALL FEMALE CANDIDATES TILL 20TH
November 2016



IBPS RRB

15593
VACANCIES



IBPS

CLERK-VI 2016
19243 Vacancies



SSC

CGL | CPO
LDC | MTS

More than 100 PAN India Branches

Delhi: Laxmi Nagar | Munirka | Rohini | Uttam Nagar | Kingsway Camp | Mukherjee Nagar | Old Rajendra Nagar

UP: Noida | Ghaziabad | Lucknow Mahanagar | Lucknow Alambagh | Aligarh | Bareilly | Kanpur | Jhansi | Meerut | Moradabad
Chandausi | Gorakhpur | Mathura | Jaunpur | Sitapur | Agra | Allahabad | Varanasi | **Haryana:** Rohtak | Ambala | Rewari | Hisar

MP: Gwalior | Guna | Rewa | Bhopal | Indore | Satna | Hoshangabad | **Orissa:** Brahmapur | **Bihar:** Patna | Muzzafarpur | Darbhanga

Madhubani | **Jharkhand:** Ranchi | **Rajasthan:** Jodhpur | Jaipur | Udaipur | Bikaner | Sri Ganganagar | Ajmer

Punjab: Ludhiana | Chandigarh | **W.B:** Kolkata | Rishra Hooghly | Durgapur | Siliguri | **Gujarat:** Ahmedabad | Gandhinagar

Vadodara | Anand | **Uttarakhand:** Dehradun | **Telangana:** Hyderabad | **Tamil Nadu:** Pondicherry | Vellore | Chennai | Salem | **A.P.:** Anantpur

Karnataka: Bangalore | **Maharashtra:** Pune | Mumbai

87-50-50-50-41

www.careerpower.in

For Free Online Mock Test, Visit: speedtest.careerpower.in