



CDS-I 2011 : Previous Year Paper (GENERAL STUDIES)

1. A devastating cloud burst swept over on August 2010. Which one of the following statements with regard to Cloud Burst is **not** correct?
 - (a) Cloud Burst is a localized weather phenomenon representing highly concentrated rainfall over a small area in a short duration of time
 - (b) Cloud Burst occurs due to upward movement of moisture-laden air with sufficient rapidity to form cumulonimbus clouds
 - (c) Cloud Burst occurs only in hilly areas
 - (d) There is no satisfactory technique till now for predicting Cloud Burst
2. Evergreening of patents is done by
 - (a) citing another use of the same product
 - (b) citing another process of forming the same product
 - (c) applying for extension of patent term
 - (d) citing another product with same use
3. Which one among the following substances evolves heat when dissolved in water?
 - (a) Potassium nitrate
 - (b) Sodium chloride
 - (c) Glucose
 - (d) Calcium oxide
4. Why is Switzerland unable to join European Union (EU) till date (2010) despite its government's persistent effort to do so?
 - (a) Few EU countries like France and Germany are opposed to Switzerland's joining the Union
 - (b) The Swiss people continue to vote against joining the EU as they do not want to lose Switzerland's sovereignty
 - (c) EU rejected Switzerland's application as Swiss government did not agree to use Euro as currency
 - (d) All of the above
5. Eco-Mark is given to an Indian Product which is
 - (a) rich in protein
 - (b) environment friendly
 - (c) economically viable
 - (d) pure and unadulterated
6. When we eat something we like, our mouth waters. This is actually not water but fluid secreted from
 - (a) nasal glands
 - (b) oval epithelium
 - (c) salivary glands
 - (d) tongue
7. Along with goods manufactured using child labour, some of the developed countries have started to boycott goods manufactured in developing countries using 'sweat labour'. 'Sweat Labour' implies goods produced by
 - (a) female labourers at a very low wage
 - (b) labourers working in inhuman/unhealthy working conditions
 - (c) labourers working for more than eight hours a day without any break
 - (d) labourers where there is a wage discrimination between male and female labourers
8. Which one among the following groups of items contains only biodegradable items?
 - (a) Wood, Grass, Plastic
 - (b) Wood, Grass, Leather
 - (c) Fruit peels, Lime juice, China clay cup
 - (d) Lime juice, Grass, Polystyrene
9. Which one among the following is not true for Special Economic Zones?
 - (a) No licence is required for import
 - (b) Manufacturing and service activities are allowed
 - (c) No permission for subcontracting
 - (d) No routine examination of cargo for export/import by customs authorities
10. Sukhoi-30MKI Squadron is not stationed at



- (a) Tezpur
(b) Pune
(c) Jamnagar
(d) Bareilly
- Q11. Dog bite can cause rabies. Which among the following other animals can also cause rabies?
(a) Donkey
(b) Bat
(c) Horse
(d) Crocodile
- Q12. The interest of the Vijayanagar and Bahmani rulers clashed in three separate and distinct areas in Deccan. Which one among the following was not directly associated with this intense conflict?
(a) Tungabhadra doab
(b) Krishna-Godavari delta/basin
(c) Kaveri interior delta
(d) Marathawada country
- Q13. Wind is often found to blow in a hot summer day due to
(a) Conduction of heat between air and soil on the Earth
(b) Radiation from the soil
(c) Convection current of air
(d) None of the above
- Q14. The original jurisdiction of the Supreme Court of India extends to
(a) Treaties and agreements signed by the Government of India
(b) Disputes between the Government of India and one or more States
(c) Disputes relating to implementation of the Directive Principles of State Policy
(d) A bill passed by the Parliament which is violative of the Constitution
- Q15. Which one among the following was not a reform measure carried out by Mahmud Gawan of Bahmani Kingdom
(a) The kingdom was divided into eight provinces or Tarafs
(b) Nobles were paid salaries and were asked to maintain contingents of horses
(c) A tract of land, Khalisa, was set apart for the expenses of the Tarafdar
(d) Lands were measured and land taxes were fixed on that basis
- Q16. Heavy water implies
(a) Water which is used in heavy industries such as thermal power plants
(b) Water which contains SO₂-4 and Cl⁻ of calcium and magnesium
(c) deuterated water
(d) water which has maximum density
- Q17. According to Goldman Sachs' review of emerging economies, by 2050 which one of the following would be the order of the largest economies in the world?
(a) China-USA-India-Brazil-Mexico
(b) USA-China-India-Brazil-Mexico
(c) China-USA-Brazil-India-Mexico
(d) USA-Mexico-China-India-Brazil
- Q18. Most of the communication satellites today are placed in a geostationary orbit. In order to stay over the same spot on the Earth, a geostationary satellite has to be directly above the
(a) Tropic of Cancer
(b) Either North or South Pole
(c) Equator
(d) Tropic of Capricorn
- Q19. SIMBEX is an annual joint maritime bilateral exercise conducted between
(a) China and India
(b) Singapore and Indonesia
(c) India and Singapore
(d) Malaysia and Thailand
- Q20. Which one among the following is a function of the Pro-Tem Speaker of the Lok Sabha?
(a) Conduct of the proceedings of the House in the absence of the Speaker
(b) To check if the election certificates of the members of the House are in order
(c) Swear in the members of the House and hold the charge till a regular Speaker is elected
(d) Give his assent to the bills passed by the House
- Q21. The term 'demographic gap' signifies the difference



- (a) in sex ratio
(b) in age
(c) in child/woman ratio
(d) between the birth and the death rate
- Q22. Dead organs are generally stored in formalin. Formalin is
(a) aqueous ferrous sulphate
(b) aqueous formaldehyde
(c) aqueous formic acid
(d) aqueous ferric alum
- Q23. Which one among the following is not true regarding the draft National Food Security Bill?
(a) Every BPL family in the country shall be entitled to 25 kg of wheat or rice per month @ Rs. 3 per kg
(b) The distribution will be on universal entitlement by ensuring coverage of every adult under the public distribution scheme
(c) The Central Government shall allocate required quantity of wheat and/or rice from the central pool to State Governments, which will be distributed through fair shops
(d) The draft Bill has been cleared by the empowered group of Ministers for discussion in the Cabinet
- Q24. When items of jewellery made of metals such as copper or nickel are placed in a solution having a salt of gold, a thin film of gold is deposited by
(a) cooling to below 0° C
(b) heating above 100° C
(c) passing an electric current
(d) just keeping it for 10 minutes
- Q25. Due to contraction of eyeball, a long-sighted eye can see only
(a) farther objects which is corrected by using convex lens
(b) farther objects which is corrected by using concave lens
(c) nearer objects which is corrected by using convex lens
(d) nearer objects which is corrected by using concave lens
- Q26. Rainwater collected after 30 to 40 minutes of raining is not suitable for drinking because it
(a) contains bacteria and dirt
(b) contains dissolved toxic chemicals
(c) is deficient in minerals
(d) is acidic
- Q27. Which one among the following statements about Ashokan Edicts is correct?
(a) the Pillar Edicts were located in all parts of the empire
(b) the Edicts give details of his personal concerns but are silent on events of the empire
(c) the subject of inscribed matter on Rock Edicts differs completely with that of the Pillar Edicts
(d) the Greek or Aramaic Edicts are versions or translations of the texts used in other Edicts
- Q28. Mr. X was advised by an architect to make outer walls of his house with hollow bricks. The correct reason is that such walls
(a) make the building stronger
(b) help keeping inside cooler in summer and warmer in winter
(c) prevent seepage of moisture from outside
(d) protect the building from lightning
- Q29. Which one among the following is not true of the Planning Commission?
(a) It is an advisory body and makes recommendations to the Cabinet
(b) It is responsible for the execution of development programmes and plans
(c) It is responsible for formulation of a plan for the most effective and balanced utilization of the country's resources
(d) It indicates the factors which tend to retard economic development
- Q30. White blood cells act
(a) as a defence against infection
(b) as source of energy
(c) for clotting blood
(d) as a medium for oxygen transport from lung to tissues
- Q31. Why do Fold Mountains have enormous thickness of sedimentary rocks?
(a) Due to deposition of sediments in a valley for millions of years
(b) Due to accumulation of sediments in a geosyncline
(c) The plains were folded into mountains
(d) The sediments were folded into recumbent and nappe folds



- Q32. Water is a good coolant and is used to cool the engines of cars, buses, trucks, etc. It is because water has a
- high specific heat
 - low surface tension
 - high boiling point
 - low expansivity
- Q33. The Vindhyan system of rocks is important for the production of
- precious stones and building materials
 - iron ore and manganese
 - bauxite and mica
 - copper and uranium
- Q34. A close bottle containing water at room temperature was taken to the Moon and then the lid is opened. The water will
- freeze
 - boil
 - decompose into oxygen and hydrogen
 - not change at all
- Q35. Which one among the following statements regarding the constitutionally guaranteed Right to Education in India is correct?
- This right covers both child and adult literacy and therefore universally guarantees education to all citizens of India.
 - This right is a child right covering the age group of 6 to 14 years and becomes operational from the year 20Q15.
 - This right has been taken from the British Constitution which was the first Welfare State in the world
 - The right has been given to all Indian children between the ages of 6 to 14 years under the 86th Constitutional Amendment Act
- Q36. Which one among the following is not correct about Down's syndrome?
- It is a genetic disorder
 - Effected individual has early ageing
 - Effected person has mental retardation
 - Effected person has furrowed tongue with open mouth
- Q37. The rainfall distribution pattern over the Ganga basin decreases from the
- west to east and north to south
 - east to west and north to south
 - west to east and south to north
 - east to west and south to north
- Q38. Which one among the following elements/ions is essential in small quantities for development of healthy teeth but causes mottling of the teeth if consumed in higher quantities?
- Iron
 - Chloride
 - Fluoride
 - Potassium
- Q39. The Civil Liability of Nuclear Damage Bill, passed in the Lok Sabha in August 2010, does not make provision for
- establishment of claims commission and appointment of claims commissioner
 - a liability cap of Rs. 1,500 crore on an operator in case of an accident
 - a liability cap of Rs. 1,500 crore also on the Government of India in case of an accident
 - liability of the operator even if an accident is unintentional
- Q40. The Earth revolves around the Sun in an elliptical path and the Sun is located at one focus of the ellipse. Imagine a situation in which the Earth goes around the Sun on a circular path. Which one among the following would result in under that situation?
- It would not make any difference
 - Difference between seasons will be reduced
 - The Earth would become very hot
 - The Earth would become very cold
- Q41. Asia has large areas of inland drainage. Why is it so?
- Rainfall is seasonal and scanty
 - There are a number of intermontane plateaus
 - River channels are obstructed by lava flows
 - It is a very large continent
- Q42. In the interior of the Earth
- the temperature falls with increasing depth
 - the pressure falls with increasing depth



- (c) the temperature rises with increasing depth
(d) both temperature and pressure fall with increasing depth
- Q43. Currently half of the world's population live in just six countries. Identify them from the following
(a) India, China, Pakistan, Brazil, Bangladesh, Indonesia
(b) India, China, Bangladesh, South Africa, Pakistan, Indonesia
(c) China, India, United States, Indonesia, Brazil, Pakistan
(d) China, India, Bangladesh, United States, Pakistan, Indonesia
- Q44. Half portion of a rectangular piece of ice is wrapped with a white piece of cloth while the other half with a black one. In this context, which one among the following statements is correct?
(a) Ice melts more easily under black wrap
(b) Ice melts more easily under white wrap
(c) No ice melts at all under the black wrap
(d) No ice melts at all under the white wrap
- Q45. Insects that can transmit diseases to human are referred to as
(a) carriers
(b) reservoirs
(c) vectors
(d) incubators
- Q46. The angular speed of a whirlwind in a tornado towards the centre
(a) decreases rapidly
(b) increases
(c) remains constant
(d) slowly becomes zero
- Q47. There is a distinct change in public policies promoting human development in India in the post-globalised era. This change has been termed as
(a) individual-centric approach to development
(b) State-centric approach to development
(c) right-based approach to development
(d) performance-based approach to development
- Q48. We observe twinkling of stars due to
(a) frequent and periodic fluctuation of temperature of the surface
(b) constant change of refractive index of the medium between the stars and the Earth because of temperature variation
(c) great distance of stars from the Earth
(d) rise and fall of gaseous ball of fire inside the stars
- Q49. Which one among the following statements is correct?
(a) In summer season, the duration of day is more in northern hemisphere
(b) In winter season, the duration of day is more in northern hemisphere
(c) In summer season, the duration of day is less in northern hemisphere
(d) In winter season, the duration of day is more in southern hemisphere
- Q50. What is the similarity between Milwaukee Deep, Java Trench and Challenger Deep?
(a) They all are trenches in the Pacific Ocean
(b) They are the deepest points of the Atlantic, Indian and Pacific Oceans, respectively
(c) They all are trenches in the Indian Ocean
(d) They all are deeps of the Atlantic Ocean
- Q51. Mahatma Gandhi Rural Employment Guarantee Act makes a paradigm shift from the previous wage employment programmes by
(a) focusing on all-round development of the rural people
(b) providing wage employment in rural areas a legal binding for the State Governments
(c) providing a statutory guarantee of wage employment
(d) augmenting food security through wage employment in rural areas
- Q52. Contact lenses are made from
(a) polyvinyl chloride
(b) polystyrene
(c) Lucite
(d) Teflon
- Q53. Which one among the following best explains the reason for the eastern and western boundaries of the Pacific Ocean experiencing frequent earthquakes?



- (a) There are deep ocean trenches along these margins
(b) High mountain stretch along the continental margins adjacent to this ocean
(c) The currents of the vast Pacific Ocean continue to dash against the continental margins
(d) These margins coincide with the plate margins
- Q54. The blackboard seems black because
(a) reflects every colour
(b) does not reflect any colour
(c) absorbs black colour
(d) reflects black colour
- Q55. The tenure of every Panchayat shall be for five years from the date of
(a) its first meeting
(b) issue of notification for the conduct of elections to the Panchayat
(c) declaration of the election results
(d) taking oath of office by the elected members
- Q56. In August 2010, a container ship had collided with another ship in the Arabian Sea near Mumbai. Which one of the following was the consequence of that?
(a) The container ship was not damaged
(b) The container ship sank and the entire oil of the ship spilled in the sea causing great damage to the aquatic lives
(c) The container ship was tilted, some boxes fell into the sea, some moderate scale of oil spill took place and subsequently the ship was made upright
(d) The container ship was just tilted and subsequently made upright
- Q57. Which one of the following statements about the teachings of Kabir is not correct?
(a) He was not against pilgrimage and idol worship
(b) He believed in universal love
(c) He emphasized on one God and the spread of devotionalism
(d) He did not consider it necessary to abandon the normal life of a householder
- Q58. Which one among the following metals is used for making boats because it does not corrode by seawater?
(a) Tungsten
(b) Nickel
(c) Antimony
(d) Titanium
- Q59. In August 2010, Russian President hosted a summit of four nations to discuss about the menace of terrorism and narcotics at the Black Sea Resort Sochi. The countries attended were
(a) Brazil, Russia, India and China
(b) Russia, Afghanistan, India and Pakistan
(c) Russia, Kazakhstan, Tajikistan and Afghanistan
(d) Russia, Afghanistan, Pakistan and Tajikistan
- Q60. Despite being a Republican State, India is a member of the Commonwealth of Nations whose head is the British Monarch. This is because
(a) this membership does not affect the sovereign nature of the Indian Republic
(b) this membership only shows that the British ruled over India
(c) members of the association are sovereign and independent
(d) it is a symbol of the unity among the members of the association
- Q61. A body is charged negatively. It implies that
(a) it has lost some of its protons
(b) it has acquired some electrons from outside
(c) it has lost some its electrons
(d) none of the above
- Q62. In dry regions, the leaf size of a tree becomes smaller. It is so to
(a) reduce metabolism
(b) reduce transpiration
(c) maintain natural growth
(d) protect plant from animals
- Q63. Which one among the following is strong smelling agent added to LPG cylinder to help in the detection of gas leakage?
(a) Ethanol
(b) Thioethanol
(c) Methane
(d) Chloroform



- Q64. In scuba-diving, while ascending towards the water surface, there is a danger of bursting the lungs. It is because of
- Archimedes' principle
 - Boyle's law
 - Gay-Lussac's law of combining volumes
 - Graham's law of diffusion
- Q65. Which one among the following was part of Gandhi-Irwin Agreement of 1931?
- Stern action against policemen guilty of brutal assault on Satyagrahis
 - Nehru to represent Congress at the Round Table Conference of 1931
 - Deletion of communal question from the agenda of the Conference
 - Release of political prisoners excepting those guilty of arson and violence
- Q66. Which one of the following is the name of the Airborne Early Warning and Control System (AEWACS) inducted in the Indian Air Force in 2009?
- Phoenix
 - Eagle
 - Kite
 - Phalcon
- Q67. Which one among the following industries produces the most non-biodegradable wastes?
- Thermal power plants
 - Food processing units
 - Textile mills
 - Paper mills
- Q68. Why South-East Asia has the largest concentration of peasant population at the global scale?
- The area is dominated by shifting cultivation due to favourable terrain character
 - Intensive subsistence farming is practiced in the region
 - The region has favourable and healthier climate
 - The area has a large forested area which is cleared for cultivation of various crops
- Q69. Brent index is associated with
- crude oil prices
 - copper future prices
 - gold future prices
 - shipping rate index
- Q70. Which one of the following is an indigenously built light combat aircraft of India?
- Akash
 - Vikrant
 - Tejas
 - Arjun
- Q71. The President of India is elected by a proportional representation system through single transferable vote. This implies that
- each elected MP or MLA has an equal number of votes
 - MPs and MLAs of a State have the same number of votes
 - all MPs and MLAs have vote each
 - MPs and MLAs of different States have different numbers of votes
- Q72. Which one among the following statements regarding the social and religious reform ideas of Raja Rammohan Roy is not correct?
- His efforts led to the formation of Brahma Samaj in 1828
 - He considered different religions as embodiments of universal theism
 - His Vedantic monism was strengthened after 1815 since an exposure to Christian Unitarianism
 - He paid attention exclusively to the problems/issues of the emerging middle class of India
- Q73. Consider the following statements and identify the author of the statement using the code given below:
"I shall work for an India in which the poorest shall feel that it is their country, in whose making they have an effective voice, an India in which there shall be no high class and low class of people, an India in which all communities shall live in perfect harmony."
- Baba Saheb Ambedkar
 - Mahatma Gandhi
 - Gurudev Tagore
 - Pt. Nehru
- Q74. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Phase of industrial Revolution)	List - II (Feature)



A. First phase	1. Rise of steel, chemical, electricity industries
B. Third phase	2. Rise of cotton mill
C. Second phase	3. Rise of steam engine
D. Fourth phase	4. Rise of petrochemicals, jet aircraft, computers

Code:

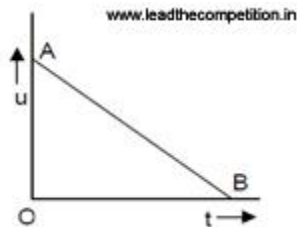
- (a) A - 2; B - 3; C - 1; D - 4
 (b) A - 2; B - 1; C - 3; D - 4
 (c) A - 4; B - 1; C - 3; D - 2
 (d) A - 4; B - 3; C - 1; D - 2

- Q75. Global positioning system (GPS) is associated with
1. Determining latitude and longitude
 2. Constellation of satellites
 3. US systems of GPS and Russian system of GLONASS
 4. Navigation

Select the correct answer using the code given below:

Code:

- (a) 1, 2 and 4 only
 (b) 1 and 4 only
 (c) 2 and 3 only
 (d) 1,2,3 and 4



- Q76. The velocity- time (u-t) graph shown above illustrates
- (a) uniform acceleration of an object
 - (b) uniform retardation of an object
 - (c) non-uniform acceleration of an object
 - (d) non-uniform retardation of an object

- Q77. Which of the following features is/are contrary to the norms of a federal polity?

1. Common All India Service
2. Single integrated judiciary

Select the correct answer using the code given below:

Code:

- (a) 1 only
 (b) 2 only
 (c) Both 1 and 2
 (d) Neither 1 nor 2

- Q78. Consider the following statements

1. The five permanent members of the Security Council are the only countries recognised as nuclear-weapon States under the Nuclear Non-Proliferation Treaty.
2. The term of non-permanent members of the Council is five years.

Which of the statements given above is/are correct?

- (a) 1 only
 (b) 2 only
 (c) Both 1 and 2
 (d) Neither 1 nor 2

- Q79. Mr. X has been invited to participate in a conference to be held at Buenos Aires. He has chosen the following shortest flight route:

Mumbai to Frankfurt (non-stop) - Frankfurt to Sao Paulo (non-stop) - Sao Paulo to Buenos Aires (non-stop)

Which one of the following seas will likely to be flown over by Mr. X?

- (a) Tasman sea
 (b) Labrador sea



- (c) Beaufort sea
(d) Black Sea
- Q80. Which among the following statements regarding Lord Ripon's plan for local selfgovernment in India is/are correct?
1. The district should be the maximum area served by one Committee or Local Board
2. The Local Boards should consist of a large majority of nominated official members and be presided over by an official member as Chairman.
Select the correct answer using the code given below:
Code:
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
- Q81. Consider the following statements regarding India's advocacy for a permanent seat in the United Nations Security Council:
1. India is the largest democracy in the world
2. India is among the top five largest growing economics in the world
3. India has been the largest contributor to the United Nations Peacekeeping Forces.
4. India is one of the top ten contributors of the United Nations Budget.
Which of the statements given above is/are correct?
(a) 1, 2, 3 and 4
(b) 1 and 2 only
(c) 2 only
(d) 1,3 and 4 only
- Q82. Which of the following best explain why the lower course of a river is sometimes choked with sediments?
1. The valley of a river is widest in its lower course.
2. The velocity of a river in its lower course is low
3. The delta sometimes develops in a river's lower course.
4. Much of the river water is drawn for irrigation in the lower course
Select the correct answer using the code given below:
Code:
(a) 1, 2, 3 and 4
(b) 1, 3 and 4 only
(c) 1, 2 and 3 only
(d) 2 and 4 only
- Q83. Which of the following statements about Fourth Anglo-Mysore War are correct?
1. The Madras Council suggested a policy of rigorous and intense attack on Mysore
2. Lord Wellesley tried to revive the Triple Alliance.
3. Tipu sent emissaries to Arabia, Versailles, Mauritius and Kabul enlisting support against the English
4. The war was of a very short duration though decisive.
Select the correct answer using the code given below:
Code:
(a) 2, 3 and 4
(b) 1, 3 and 4
(c) 2 and 4 only
(d) 1 and 3 only
- Q84. Polar bears are carnivores and prey on many arctic birds and fish. However, under natural conditions, no one found polar bears predated any penguin. This is because
(a) penguins have chemical substances in their muscles which is toxic to polar bears
(b) penguins are gregarious and always move in groups. Therefore, a polar bear cannot approach them
(c) polar bears and penguins never coexist under natural conditions. The former lives in North Pole while the latter lives in the South Pole
(d) polar bears and penguins display symbiotic relationship and they help each other for their existence in the ice-cold ecosystem
- Q85. Which of the following statements regarding the American Revolution is/are correct?
1. The American Revolution was a conflict between British settlers and native Americans
2. The Americans refused to pay taxes imposed by the British Parliament in which the Americans had no representation.
Select the correct answer using the code given below:



Code:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q86. Consider the following statements

1. India has a published nuclear doctrine
2. The doctrine advocates 'no first-use' policy
3. The authority to release nuclear weapons for use resides in the person of the President of India

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1,2 and 3

Q87. Which one among the following statements regarding Rabindranath Tagore's concern for the natural world and environment is not correct?

- (a) Caring for nature on aesthetic grounds, as Tagore did, has now become one of the major environmental concerns in the developed countries of the world
- (b) Tagore's short stories and novels exhibit his concern for nature
- (c) Tagore's vision of education emphasized the need to generate environmental awareness among the students
- (d) Tagore's concern about the environment was activated by pragmatic and utilitarian considerations

Q88. Which of the statements given below is/are correct?

1. The Armed Forces Special Power Act (AFSPA) was first enforced in the hills of Assam.
2. The AFSPA is enforced in regions notified as 'disturbed area'.
3. Under the provisions of the Act, the Chief Minister of a State can declare the whole State or part of it as 'disturbed area'.

Select the correct answer using the code given below:

Code:

- (a) 1,2 and 3
- (b) 2 and 3 only
- (c) 1 only
- (d) 1 and 2 only

Q89. Consider the following statements about black soil of India:

1. Black soil becomes sticky when it is wet
2. Black soil contains adequate nitrogen as well as phosphorus required for the growth of plants

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) both 1 and 2
- (d) neither 1 nor 2

Q90. Industrial Revolution in Europe mainly emerged due to

1. Locating the production process in the countryside
2. Declining of the guilds because of nonfarming production coming under a single roof (the factory)
3. Growing role of merchant-capitalists in the production process

Select the correct answer using the code given below:

Code:

- (a) 1, 2 and 3
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 2 only

Q91. Which of the following pairs is/are correctly matched?

1. Kiran MK11: Aerobatic aircraft
2. MI 35 : Attack helicopter
3. Mirage 2000: Military transport aircraft

Select the correct answer using the code given below:

Code:

- (a) 1 only
- (b) 1 and 2 only



- (c) 2 and 3 only
(d) 1,2 and 3
- Q92. To boost India's power-generating capacity, the Jawaharlal Nehru Solar Mission was launched in India in January 2010. Which of the following statements regarding this Mission is/are correct?

1. India is fast exhausting reserves of fossil fuel resources.
2. Solar energy is a clean source of energy
3. India lacks technology for development of other alternative sources of power generation

Select the correct answer using the code given below:

Code:

- (a) 1,2 and 3
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1 only

- Q93. Which among the following monoculture crops provide(s) immediate cash to the farmers?

1. Tea in Assam
2. Rubber in Africa
3. Sugarcane in Malaysia
4. Coffee in Brazil

Select the correct answer using the code given below:

Code:

- (a) 1 only
- (b) 2 and 3
- (c) 3 and 4
- (d) 1 and 4

- Q94. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Natural Vegetation of India)	List - II (Annual Rainfall received)
A. Tropical evergreen forests	1. 100 – 200 cm
B. Tropical deciduous forests	2. Above 200 cm
C. Tropical dry forests	3. Less than 50 cm
D. Arid forests	4. Above 300 cm
	5. 50 – 100 cm

Code:

- (a) A - 1; B - 2; C - 5; D - 3
- (b) A - 4; B - 3; C - 1; D - 5
- (c) A - 2; B - 1; C - 5; D - 3
- (d) A - 2; B - 1; C - 3; D - 4

- Q95. Which of the following diseases are transmitted from one person to another?

1. AIDS
2. Cirrhosis
3. Hepatitis B
4. Syphilis

Select the correct answer using the code given below:

Code:

- (a) 1, 2, 3 and 4
- (b) 1, 3 and 4 only
- (c) 1 and 2 only
- (d) 2, 3 and 4 only

- Q96. Which of the following provisions of the Constitutions of India need the ratification by the legislatures of not less than one-half of the States to effect amendment?

1. The manner of election of the President of India
2. Extent of the executive power of the Union and the States
3. Powers of the Supreme Court and High Courts
4. Any of the Lists in the 7th Schedule

Select the correct answer using the code given below:

Code:

- (a) 1, 2, 3 and 4
- (b) 1, 2 and 3 only
- (c) 3 and 4 only



(d) 1 and 2 only

Q97. Consider the following passage and identify the three tribal principalities referred to therein using the code given below:

In the early history of the far south in India, three tribal principalities are mentioned in Ashokan inscriptions of the third century BC and in Kharavela inscription of the first century BC.

Code:

- (a) Vakatakas, Cholas and Satvahanas
- (b) Cholas, Pandyas and Cheras
- (c) Ikshvakus, Vakatakas and Pandyas
- (d) Pallavas, Cholas and Pandyas

Q98. Consider the following statements with regard to the mining industry of India:

1. The spatial distribution of minerals is uneven
2. The mining industry since colonial days has been export oriented

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q99. Consider the following statements and identify with the help of the code given below the person who made the statement:

It would be quite impossible for a few hundred British to administer against the active opposition of the whole of the politically minded of the population.

Code:

- (a) Jawaharlal Nehru in April 1947 in an address to Congressmen at Lucknow
- (b) Clement Attlee in January 1947 in a private letter addressed to Ernest bevin
- (c) Lord Mountbatten in December 1946 in a note given to British Parliament
- (d) Viceroy Wavell in January 1946 in a letter to Secretary of State

Q100. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Events)	List - II (Place/Person)
Urmashirin Khan's invasion of India	1. Vijayanagar
Visit of Farnao Martinz Evangelho, the Portuguese factor	2. Zainul Abidin
Visit of the traveler Nuniz	3. Champaner
Network of canals in Kashmir valley	4. Muhammad Tughlaq

Code:

- (a) A - 2; B - 1; C - 3; D - 4
- (b) A - 2; B - 3; C - 1; D - 4
- (c) A - 4; B - 3; C - 1; D - 2
- (d) A - 4; B - 1; C - 3; D - 2

Q101. Which of the following statements regarding writ of certiorari is/are correct?

1. There should be court, tribunal or an officer legal authority to determine the questions of deciding fundamental rights with a duty to act judicially
2. Writ of certiorari is available during the pendency of proceedings before a subordinate court.

Select the correct answer using the code given below:

Code:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q102. Which one among the following pairs is correctly matched:

- (a) The Second Battle of Tarain - Defeat of Jaichand of Kanauj by Muhammad of Ghur
- (b) The First Battle of Panipat - Defeat of Sikandar Lodi by Babur
- (c) The Battle of Chausa - Defeat of Humayun by Sher Shah
- (d) The Battle of Khanwa - Defeat of Rana Pratap by Akbar

Q103. Which one among the following was the objective of starting the Nirmal Gram Puraskar incentive scheme?

- (a) Encourage Panchayati Raj Institutions to take up sanitation promotion for attaining 100% open defecation-free environment
- (b) Enable rural schools to provide safe and clean drinking water for children
- (c) Provide toilets to all rural households



- (d) Provide financial assistance to States to install water purification systems in rural schools
- Q104. Why do you feel cool under a tree but not so under a tin shed on a sunny day?
- (a) The greenness of the tree gives the cool feeling
 (b) Photosynthesis absorbs heat
 (c) The leaves convert water vapours into water which is a heat-absorbing process
 (d) The leaves give out water which vaporizes absorbing some heat as latent heat
- Q105. In addition to Macaulay's Minutes on Education, another landmark Draft is also attributed to him. Identify the Draft from the following
- (a) Draft of Indian Penal Code
 (b) Draft of Indian Forest Policy
 (c) Draft of the Zamindari Abolition act
 (d) Draft of the Maritime Trade Policy

ANSWER KEY

1. (c)	2. (a)	3. (d)	4. (b)	5. (b)	6. (c)	7. (c)	8. (b)
9. (c)	10. (c)	11. (b)	12. (c)	13. (a)	14. (b)	15. (d)	16. (c)
17. (a)	18. (c)	19. (c)	20. (c)	21. (d)	22. (b)	23. (b)	24. (c)
25. (a)	26. (d)	27. (a)	28. (b)	29. (b)	30. (a)	31. (b)	32. (a)
33. (a)	34. (b)	35. (d)	36. (b)	37. (b)	38. (c)	39. (d)	40. (b)
41. (a)	42. (c)	43. (c)	44. (a)	45. (c)	46. (c)	47. (d)	48. (b)
49. (a)	50. (b)	51. (c)	52. (c)	53. (d)	54. (b)	55. (a)	56. (c)
57. (a)	58. (d)	59. (d)	60. (a)	61. (b)	62. (b)	63. (b)	64. (b)
65. (d)	66. (d)	67. (a)	68. (b)	69. (a)	70. (c)	71. (d)	72. (d)
73. (b)	74. (b)	75. (a)	76. (b)	77. (c)	78. (a)	79. (d)	80. (a)
81. (b)	82. (d)	83. (a)	84. (c)	85. (b)	86. (b)	87. (d)	88. (d)
89. (a)	90. (b)	91. (b)	92. (b)	93. (d)	94. (c)	95. (b)	96. (a)
97. (b)	98. (c)	99. (b)	100. (c)	101. (a)	102. (c)	103. (a)	104. (d)
105. (a)							

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