

DELHI DEVELOPMENT AUTHORITY
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Advertisement No. 02/2023/Recdt. Cell/Pers./DDA

Participant ID	1
Participant Name	V
Test Center Name	
Test Date	24/09/2023
Test Time	5:30 PM - 6:30 PM
Subject	Junior Secretariat Assistant

Section : **General Intelligence**

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Q.1 Arvind has extra classes in six subjects. Each of six subjects- Maths, English, Computer Science, Physics, Biology and Chemistry, have their classes on six different days of a week starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Maths class comes after only two subject tuitions. Computer Science class is on Tuesday, and Physics is on Saturday. Only one tuition is after Chemistry class. English’s class is not between the classes of Chemistry and Maths. What day of the week is the English Class?

- Ans** ☒ 1. Monday
- ☐ 2. Wednesday
- ☐ 3. Friday
- ☐ 4. Thursday

Question ID : 630680381723
Option 1 ID : 6306801487819
Option 2 ID : 6306801487820
Option 3 ID : 6306801487822
Option 4 ID : 6306801487821
Status : Answered
Chosen Option : 1

Q.2 In the given letter triads, which of the following letter triad is different from the other three?

- Ans** ☐ 1. VLJ - QOO – LLT
- ☒ 2. YVJ – UEO -QVT
- ☐ 3. LMF - GNK – BMP
- ☐ 4. PIO – KRT - FIY

Question ID : 630680381738
Option 1 ID : 6306801487879
Option 2 ID : 6306801487880
Option 3 ID : 6306801487882
Option 4 ID : 6306801487881
Status : Answered
Chosen Option : 2

Q.3 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

ALT, YPO, WTJ, UXE, ?

- Ans
- ☒ 1. SAA
 - ☒ 2. TBZ
 - ☒ 3. SBZ
 - ☒ 4. TAA

Question ID : 630680381728
Option 1 ID : 6306801487839
Option 2 ID : 6306801487840
Option 3 ID : 6306801487841
Option 4 ID : 6306801487842
Status : Answered
Chosen Option : 3

Q.4 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GXC: JSJ :: NVR: QQY :: MNQ: ?

- Ans
- ☒ 1. OHX
 - ☒ 2. PIX
 - ☒ 3. OIX
 - ☒ 4. PIW

Question ID : 630680381734
Option 1 ID : 6306801487865
Option 2 ID : 6306801487866
Option 3 ID : 6306801487863
Option 4 ID : 6306801487864
Status : Answered
Chosen Option : 2

Q.5 In the given letter-cluster pairs, which of the following letter cluster pair is different from the other three?

- Ans  1. JPM : OUS
-  2. QEJ : VKO
-  3. BOE: GUJ
-  4. RLT: WRY

Question ID : 630680381736
Option 1 ID : 6306801487871
Option 2 ID : 6306801487874
Option 3 ID : 6306801487872
Option 4 ID : 6306801487873
Status : Answered
Chosen Option : 1

Q.6 In the given letter-cluster pairs, which of the following letter cluster pair is different from the other three?

- Ans  1. DUW : ATZ
-  2. MXS: JYW
-  3. TXB : QWE
-  4. REA: ODD

Question ID : 630680381737
Option 1 ID : 6306801487877
Option 2 ID : 6306801487878
Option 3 ID : 6306801487875
Option 4 ID : 6306801487876
Status : Answered
Chosen Option : 2

Q.7 Which of the following letter-number clusters is the wrong term in the given series.?

R4WP, T11TV, V25QZ, X46NE, Z74KJ

Ans  1. R4WP

 2. T11TU

 3. X46NE

 4. Z74KJ

Question ID : 630680381730

Option 1 ID : 6306801487847

Option 2 ID : 6306801487850

Option 3 ID : 6306801487848

Option 4 ID : 6306801487849

Status : Answered

Chosen Option : 1

Q.8 Navin, Priya, Riddhi, Tajinder, Wasim, Yash and Zane are sitting around a round table facing towards the center (but not necessarily in the same order). Riddhi is the immediate neighbour of Zane and Navin. Priya is neither an immediate neighbour of Navin nor Tajinder. Yash, who is second to the left of Priya has Wasim and Tajinder as immediate neighbours?

Who is sitting to the immediate left of Zane?

Ans  1. Priya

 2. Tajinder

 3. Wasim

 4. Riddhi

Question ID : 630680381721

Option 1 ID : 6306801487814

Option 2 ID : 6306801487813

Option 3 ID : 6306801487811

Option 4 ID : 6306801487812

Status : Answered

Chosen Option : 3


Q.9 What approximate value should come in place of the question mark (?) in the following equation? $25.09 - 8.99 + 16.02 \times 6.99 = ?$

- Ans  1. 146
 2. 60
 3. 128
 4. 130

Question ID : 630680381744
Option 1 ID : 6306801487905
Option 2 ID : 6306801487903
Option 3 ID : 6306801487904
Option 4 ID : 6306801487906
Status : Answered
Chosen Option : 4

Q.10 Which of the following numbers will replace the question mark (?) in the given series?

318, 331, 348, 367, 390, ?

- Ans  1. 413
 2. 419
 3. 421
 4. 420

Question ID : 630680381743
Option 1 ID : 6306801487899
Option 2 ID : 6306801487900
Option 3 ID : 6306801487902
Option 4 ID : 6306801487901
Status : Answered
Chosen Option : 2

Q.11

Two statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

All players are strong.

All strong are fast.

Conclusions:

Some strong are players.

I. All fast are players.

II. Some fast are players.

Ans

✖

1. Only conclusions II and III follow.

✖

2. All conclusions follow.

✖

3. Only conclusions I and II follow.

✔

4. Only conclusions I and III follow.

Question ID : 630680381726

Option 1 ID : 6306801487832

Option 2 ID : 6306801487834

Option 3 ID : 6306801487831

Option 4 ID : 6306801487833

Status : Answered

Chosen Option : 4

Q.12

In the following question, select the odd letter/letters from the given alternatives.

Ans

✔

1. ZXTR

✖

2. FDBZ

✖

3. LJHF

✖

4. VTRP

Question ID : 630680381740

Option 1 ID : 6306801487888

Option 2 ID : 6306801487890

Option 3 ID : 6306801487889

Option 4 ID : 6306801487887

Status : Answered

Chosen Option : 1

Q.13 Which of the following numbers will replace the question mark (?) in the given series?

125, 127, 123, ?, 121, 131

Ans  1. 129

 2. 115

 3. 128

 4. 117

Question ID : 630680381742

Option 1 ID : 6306801487896

Option 2 ID : 6306801487898

Option 3 ID : 6306801487895

Option 4 ID : 6306801487897

Status : Answered

Chosen Option : 1

Q.14 Six families - Udayars, Vermas, Wangchooks, Qureshis, Yadavs and Sharmas live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only one family live between Vermas and Wangchuks. Udayars do not live immediately above or below Vermas. Only one family lives between Sharmas and Wangchooks. Sharmas lives immediately above Yadavs. If Yadavs lives on the first floor, who live on the fifth floor?

Ans  1. Qureshis

 2. Sharmas

 3. Vermas

 4. Udayars

Question ID : 630680381724

Option 1 ID : 6306801487824

Option 2 ID : 6306801487823

Option 3 ID : 6306801487825

Option 4 ID : 6306801487826

Status : Not Answered

Chosen Option : --

Q.15 In the following question, select the related letters from the given alternatives.
ANC : ZMB :: FSH : ?

- Ans  1. CIR
 2. ERG
 3. ZUX
 4. LNO

Question ID : 630680381739
Option 1 ID : 6306801487886
Option 2 ID : 6306801487885
Option 3 ID : 6306801487883
Option 4 ID : 6306801487884
Status : Answered
Chosen Option : 2

Q.16 This question is based on the five, three-digit numbers given below:
(Left) 537 435 379 657 261 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE - All operations to be done from left to right.)
If 2 is subtracted from the middle digit of each number and the positions of the first
and the third digits are interchanged which of these given numbers will be the second
largest among them?

- Ans  1. 657
 2. 379
 3. 537
 4. 435

Question ID : 630680381731
Option 1 ID : 6306801487852
Option 2 ID : 6306801487854
Option 3 ID : 6306801487851
Option 4 ID : 6306801487853
Status : Answered
Chosen Option : 3

Q.17 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PZF7, RWK13, TTP19, VQU25, ?

Ans  1. XNZ31

 2. XNZ32

 3. XMZ32

 4. XNY31

Question ID : 630680381729
Option 1 ID : 6306801487844
Option 2 ID : 6306801487845
Option 3 ID : 6306801487846
Option 4 ID : 6306801487843
Status : Answered
Chosen Option : 1

Q.18 What approximate value should come in place of the question mark (?) in the following equation

$24.89 + 3.15 \times 84.84 \div 5.02 - 23.98 = ?$

Ans  1. 52

 2. 51

 3. 50

 4. 48

Question ID : 630680381745
Option 1 ID : 6306801487910
Option 2 ID : 6306801487909
Option 3 ID : 6306801487908
Option 4 ID : 6306801487907
Status : Answered
Chosen Option : 1



Chosen Option : **3**

Q.21 In the following question, select the odd letter/letters from the given alternatives.

- Ans  1. ABY
 2. TUG
 3. LMN
 4. VWD

Question ID : 630680381735
Option 1 ID : 6306801487868
Option 2 ID : 6306801487870
Option 3 ID : 6306801487867
Option 4 ID : 6306801487869
Status : Answered
Chosen Option : 3

Q.22 In the following question, select the odd letter/letters from the given alternatives.

- Ans  1. RJQ
 2. LDW
 3. BTG
 4. PHV

Question ID : 630680381741
Option 1 ID : 6306801487893
Option 2 ID : 6306801487891
Option 3 ID : 6306801487894
Option 4 ID : 6306801487892
Status : Answered
Chosen Option : 3

Q.23 In a certain code language, 'FLOWER' is written as 'QCTKGZ' and 'TRAINS' is written as 'RLFWMN'. How will 'DESIGN' be written in that language?

- Ans
- ☐ 1. LEFPZX
 - ☐ 2. MFFOZX
 - ☐ 3. LEFOZY
 - ☒ 4. MEFOZX

Question ID : 630680381733
Option 1 ID : 6306801487860
Option 2 ID : 6306801487859
Option 3 ID : 6306801487861
Option 4 ID : 6306801487862
Status : Answered
Chosen Option : 4

Q.24 This question is based on the following 3-letter words:
(Left) SIT FUN ARK DEN (Right)
How many letters are there in the English alphabetical order between the second letter of the second word from the right end and the second letter of the second word from the left end of the given series?





- Ans
- ☒ 1. TWO
 - ☐ 2. ONE
 - ☐ 3. THREE
 - ☐ 4. FOUR

Question ID : 630680381732
Option 1 ID : 6306801487856
Option 2 ID : 6306801487855
Option 3 ID : 6306801487857
Option 4 ID : 6306801487858
Status : Answered
Chosen Option : 3

Q.25 Two statements are followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:
Some crows are myenas.
Some myenas are birds.

Conclusions:
I. No crow is a bird
II. All myenas are birds
III. Some birds are crows
IV.No myena is a crow

- Ans**  1. Only either conclusion I or II follows
-  2. Only either conclusion I or III follows
-  3. Only conclusion IV follow.
-  4. Only either conclusion I or IV follows

Question ID : 630680381727
Option 1 ID : 6306801487837
Option 2 ID : 6306801487838
Option 3 ID : 6306801487835
Option 4 ID : 6306801487836
Status : **Answered**
Chosen Option : 2

Section : **General Awareness**

Q.1 Which of the following is the origin of Vaigai River?

- Ans**  1. Western Ghat
-  2. Himalayas
-  3. Eastern Ghat
-  4. Aravalli Range

Question ID : 630680381720
Option 1 ID : 6306801487808
Option 2 ID : 6306801487807
Option 3 ID : 6306801487809
Option 4 ID : 6306801487810
Status : **Answered**
Chosen Option : 2

Q.2 Who is the writer of the book ‘God of small things’?

- Ans  1. Arundhati Roy
-  2. Salman Rushdie
-  3. Aravind Adiga
-  4. VS Naipaul

Question ID : 630680381712
Option 1 ID : 6306801487777
Option 2 ID : 6306801487775
Option 3 ID : 6306801487778
Option 4 ID : 6306801487776
Status : Not Answered
Chosen Option : --

Q.3 Which of the following tribes celebrates the Hornbill Festival?

- Ans  1. Naga
-  2. Santhal
-  3. Bhil
-  4. Bodo

Question ID : 630680381717
Option 1 ID : 6306801487796
Option 2 ID : 6306801487797
Option 3 ID : 6306801487795
Option 4 ID : 6306801487798
Status : Answered
Chosen Option : 1

Q.4 Who was the viceroy of British India during the Kakori Conspiracy?

- Ans
- ☒ 1. Lord Curzon
 - ☒ 2. Lord Minto
 - ☒ 3. Lord Reading
 - ☒ 4. Lord Mayo

Question ID : 630680381708
Option 1 ID : 6306801487760
Option 2 ID : 6306801487762
Option 3 ID : 6306801487759
Option 4 ID : 6306801487761
Status : Answered
Chosen Option : 1

Q.5 Who was the purple cap winner in IPL 2023?

- Ans
- ☒ 1. Mohit Sharma
 - ☒ 2. Rashid Khan
 - ☒ 3. Piyush Chawla
 - ☒ 4. Mohammad Shami

Question ID : 630680381697
Option 1 ID : 6306801487715
Option 2 ID : 6306801487716
Option 3 ID : 6306801487717
Option 4 ID : 6306801487718
Status : Answered
Chosen Option : 2

Q.6 How many languages are listed in the Eighth Schedule of the Constitution of India?

- Ans
- ☐ 1. Twenty one
 - ☐ 2. Twenty three
 - ☐ 3. Twenty
 - ☒ 4. Twenty two

Question ID : 630680381714
Option 1 ID : 6306801487784
Option 2 ID : 6306801487786
Option 3 ID : 6306801487783
Option 4 ID : 6306801487785
Status : Answered
Chosen Option : 4

Q.7 Who among the following is the writer of the poem named Madhushala?

- Ans
- ☒ 1. Harivansh Rai Bachchan
 - ☐ 2. Hema Narayan
 - ☐ 3. Abhishek Bachchan
 - ☐ 4. RK Narayan

Question ID : 630680381710
Option 1 ID : 6306801487769
Option 2 ID : 6306801487770
Option 3 ID : 6306801487768
Option 4 ID : 6306801487767
Status : Not Answered
Chosen Option : --

Q.8 Recently ‘Bharat 6G Mission’ launched in India is divided into _____.

- Ans
- ☒ 1. three phases
 - ☒ 2. four phases
 - ☒ 3. two phases
 - ☒ 4. five phases

Question ID : 630680381699
Option 1 ID : 6306801487724
Option 2 ID : 6306801487725
Option 3 ID : 6306801487723
Option 4 ID : 6306801487726
Status : Answered
Chosen Option : 1

Q.9 Which of the following is the first language to be declared as a classical language in India?

- Ans
- ☒ 1. Telugu
 - ☒ 2. Sanskrit
 - ☒ 3. Odia
 - ☒ 4. Tamil

Question ID : 630680381715
Option 1 ID : 6306801487789
Option 2 ID : 6306801487787
Option 3 ID : 6306801487790
Option 4 ID : 6306801487788
Status : Answered
Chosen Option : 2

Q.10 Who was the companion of Bhagat Singh when he threw a bomb in Central Legislative Assembly in 1929?

- Ans
- ☐ 1. Rajguru
 - ☐ 2. Chandrasekhar Azad
 - ☐ 3. Sukhdev
 - ☒ 4. Batukeshwar Dutt

Question ID : 630680381707
Option 1 ID : 6306801487755
Option 2 ID : 6306801487757
Option 3 ID : 6306801487756
Option 4 ID : 6306801487758
Status : Answered
Chosen Option : 3

Q.11 'Swachhotsav 2023- International Day of Zero Waste' was launched by which ministry?

- Ans
- ☒ 1. Ministry of Housing and Urban Affairs
 - ☐ 2. Ministry of Agriculture
 - ☐ 3. Ministry of Women and Child development
 - ☐ 4. Ministry of Panchayati Raj

Question ID : 630680381701
Option 1 ID : 6306801487734
Option 2 ID : 6306801487731
Option 3 ID : 6306801487733
Option 4 ID : 6306801487732
Status : Answered
Chosen Option : 1

Q.12 Which language got the classical language status in 2014?

- Ans ☒ 1. Sanskrit
- ☒ 2. Odia
- ☒ 3. Telugu
- ☒ 4. Tamil

Question ID : 630680381713
Option 1 ID : 6306801487780
Option 2 ID : 6306801487782
Option 3 ID : 6306801487781
Option 4 ID : 6306801487779
Status : Answered
Chosen Option : 1

Q.13 How many members are there in the ‘Monetary Policy Committee’ in India?

- Ans ☒ 1. Seven
- ☒ 2. Six
- ☒ 3. Eight
- ☒ 4. Five

Question ID : 630680381704
Option 1 ID : 6306801487745
Option 2 ID : 6306801487744
Option 3 ID : 6306801487746
Option 4 ID : 6306801487743
Status : Answered
Chosen Option : 2

Q.14 When was Salman Rushdie’s Midnight Children’s awarded the Booker Prize?

Ans  1. 1981

 2. 1991

 3. 1987

 4. 1975

Question ID : 630680381711
Option 1 ID : 6306801487772
Option 2 ID : 6306801487774
Option 3 ID : 6306801487773
Option 4 ID : 6306801487771
Status : Not Answered
Chosen Option : --

Q.15 Where is the Sudarshan lake located in India?

Ans  1. Rajasthan

 2. Kerala

 3. Gujarat

 4. West Bengal

Question ID : 630680381719
Option 1 ID : 6306801487803
Option 2 ID : 6306801487806
Option 3 ID : 6306801487804
Option 4 ID : 6306801487805
Status : Answered
Chosen Option : 1

Q.16 Who among the following were called the ‘Ulemas’ in medieval India?

- Ans
- ☐ 1. Landlords
 - ☐ 2. Untouchables
 - ☐ 3. Peasants
 - ☒ 4. Theologians

Question ID : 630680381709
Option 1 ID : 6306801487764
Option 2 ID : 6306801487766
Option 3 ID : 6306801487763
Option 4 ID : 6306801487765
Status : Answered
Chosen Option : 4

Q.17 Which of the following teams was the Runner-up of IPL 2023?

- Ans
- ☐ 1. Mumbai Indians
 - ☒ 2. Gujarat Titan
 - ☐ 3. Chennai Super Kings
 - ☐ 4. Rajasthan Royals

Question ID : 630680381696
Option 1 ID : 6306801487714
Option 2 ID : 6306801487712
Option 3 ID : 6306801487711
Option 4 ID : 6306801487713
Status : Answered
Chosen Option : 2

Q.18 Who won the International Prize in Statistics 2023?

Ans  1. Calyampudi Radhakrishna Rao

 2. Amartya Sen

 3. Kailash Satyarthi

 4. Abhijit Banerjee

Question ID : 630680381700
Option 1 ID : 6306801487729
Option 2 ID : 6306801487730
Option 3 ID : 6306801487728
Option 4 ID : 6306801487727
Status : Answered
Chosen Option : 2

Q.19 Where was the venue of the final of the World Test Championship 2023?

Ans  1. London

 2. New Delhi

 3. Mumbai

 4. Cape Town

Question ID : 630680381698
Option 1 ID : 6306801487719
Option 2 ID : 6306801487720
Option 3 ID : 6306801487721
Option 4 ID : 6306801487722
Status : Answered
Chosen Option : 4

Q.20 In which state is Jallikattu sport popular?

- Ans
- ☐ 1. Rajasthan
 - ☐ 2. Sikkim
 - ☐ 3. Madhya Pradesh
 - ☒ 4. Tamil Nadu

Question ID : 630680381718
Option 1 ID : 6306801487799
Option 2 ID : 6306801487801
Option 3 ID : 6306801487800
Option 4 ID : 6306801487802
Status : Not Answered
Chosen Option : --

Q.21 What is the rank of India in Global hunger Report in 2022?

- Ans
- ☐ 1. 105
 - ☐ 2. 108
 - ☒ 3. 107
 - ☐ 4. 106

Question ID : 630680381702
Option 1 ID : 6306801487735
Option 2 ID : 6306801487738
Option 3 ID : 6306801487737
Option 4 ID : 6306801487736
Status : Not Answered
Chosen Option : --

Q.22 Who led the Bardoli satyagraha of 1928?

- Ans
- ☐ 1. Mahatma Gandhi
 - ☐ 2. Annie Besant
 - ☐ 3. Vinoba Bhave
 - ☒ 4. Sardar Vallabhbhai Patel

Question ID : 630680381706
Option 1 ID : 6306801487751
Option 2 ID : 6306801487754
Option 3 ID : 6306801487753
Option 4 ID : 6306801487752
Status : Answered
Chosen Option : 1

Q.23 Who chairs the GST Council in India?

- Ans
- ☐ 1. Governor of RBI
 - ☐ 2. President
 - ☐ 3. Prime Minister
 - ☒ 4. Finance Minister of India

Question ID : 630680381703
Option 1 ID : 6306801487739
Option 2 ID : 6306801487742
Option 3 ID : 6306801487741
Option 4 ID : 6306801487740
Status : Answered
Chosen Option : 1

Q.24 In which month of the Hindu calendar does baliyatra begin every year?

- Ans
- ☐ 1. Sravana
 - ☐ 2. Chaitra
 - ☐ 3. Magha
 - ☒ 4. Kartika

Question ID : 630680381716
Option 1 ID : 6306801487792
Option 2 ID : 6306801487791
Option 3 ID : 6306801487794
Option 4 ID : 6306801487793
Status : Answered
Chosen Option : 1

Q.25 Which committee recommended the establishment of NABARD?

- Ans
- ☐ 1. Arun Goel Committee
 - ☐ 2. Dinesh Goswami Committee
 - ☐ 3. C Rao Committee
 - ☒ 4. B Sivaraman Committee

Question ID : 630680381705
Option 1 ID : 6306801487750
Option 2 ID : 6306801487747
Option 3 ID : 6306801487748
Option 4 ID : 6306801487749
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude (Basic Arithmetic Skill)

Q.1 A water tank can be filled by tap-A in 20 minutes and another tap-B can fill it in 30 minutes. If both the taps are kept open for 3 minutes and then tap-A is closed, how long will it take for tap-B to fill the rest of the tank?

- Ans** ☒ 1. 22 ½ min
☐ 2. 45 min
☐ 3. 45 ½ min
☐ 4. 22 min

Question ID : 630680381758
Option 1 ID : 6306801487962
Option 2 ID : 6306801487960
Option 3 ID : 6306801487959
Option 4 ID : 6306801487961
Status : Answered
Chosen Option : 1

Q.2 ₹720 was to be divided among A, B and C in the ratio of $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$. But by mistake it was divided in the ratio 2 : 3 : 4. The amount in excess received by C was?

- Ans** ☐ 1. ₹170
☐ 2. ₹240
☐ 3. ₹270
☒ 4. ₹140

Question ID : 630680381754
Option 1 ID : 6306801487944
Option 2 ID : 6306801487945
Option 3 ID : 6306801487946
Option 4 ID : 6306801487943
Status : Answered
Chosen Option : 2

Q.3 How many small cubes with edge of 10 cm each can be just accommodated in a cubical box of 0.5 m edge?

- Ans**
- ☒ 1. 500
 - ☒ 2. 200
 - ☒ 3. 125
 - ☒ 4. 150

Question ID : 630680381762
Option 1 ID : 6306801487975
Option 2 ID : 6306801487976
Option 3 ID : 6306801487977
Option 4 ID : 6306801487978
Status : Answered
Chosen Option : 3

Q.4 The perimeter of a trapezium is 120 cm and its each non-parallel side is equal to 20 cm with its height, 10 cm. Its area is:

- Ans**
- ☒ 1. 440 sq cm
 - ☒ 2. 400 sq cm
 - ☒ 3. 420 sq cm
 - ☒ 4. 480 sq cm

Question ID : 630680381761
Option 1 ID : 6306801487973
Option 2 ID : 6306801487972
Option 3 ID : 6306801487971
Option 4 ID : 6306801487974
Status : Not Answered
Chosen Option : --

Q.5 If $\cos A = \frac{4}{5}$, then the value of $\cot A$ is:

- Ans
- ☐ 1. $\frac{3}{5}$
 - ☒ 2. $\frac{4}{3}$
 - ☐ 3. $\frac{3}{4}$
 - ☐ 4. $\frac{5}{4}$

Question ID : 630680381770
Option 1 ID : 6306801488009
Option 2 ID : 6306801488008
Option 3 ID : 6306801488007
Option 4 ID : 6306801488010
Status : Answered
Chosen Option : 2

Q.6 Two adjacent angles of a parallelogram are in the ratio 1 : 2. The smaller angle among them is:

- Ans
- ☐ 1. 45°
 - ☒ 2. 60°
 - ☐ 3. 90°
 - ☐ 4. 120°

Question ID : 630680381769
Option 1 ID : 6306801488004
Option 2 ID : 6306801488005
Option 3 ID : 6306801488003
Option 4 ID : 6306801488006
Status : Answered
Chosen Option : 2

Q.7 If a rectangle's length and width are both doubled, the rectangle's perimeter increases by:

- Ans
- ☐ 1. 200%
 - ☐ 2. 125%
 - ☒ 3. 100%
 - ☐ 4. 150%

Question ID : 630680381763
Option 1 ID : 6306801487980
Option 2 ID : 6306801487982
Option 3 ID : 6306801487979
Option 4 ID : 6306801487981
Status : Answered
Chosen Option : 3

Q.8 In an alloy of 300 gram copper and iron are in the ratio of 7 : 3. How much quantity of iron should be added so that the ratio become 7 : 5?

- Ans
- ☐ 1. 80 grams
 - ☐ 2. 100 grams
 - ☐ 3. 90 grams
 - ☒ 4. 60 grams

Question ID : 630680381746
Option 1 ID : 6306801487911
Option 2 ID : 6306801487914
Option 3 ID : 6306801487913
Option 4 ID : 6306801487912
Status : Answered
Chosen Option : 4

Q.9 If $M : N = 6 : 5$, then what is the value of $M : (M + N)$?

- Ans
- ☒ 1. $6 : 5$
 - ☒ 2. $6 : 11$
 - ☒ 3. $11 : 6$
 - ☒ 4. $6 : 13$

Question ID : 630680381767
Option 1 ID : 6306801487998
Option 2 ID : 6306801487996
Option 3 ID : 6306801487997
Option 4 ID : 6306801487995
Status : Answered
Chosen Option : 2

Q.10 Find the smallest number among the three numbers, where the ratio of the numbers is $5 : 6 : 7$ and the square of the difference between the big and small numbers is 1296.

- Ans
- ☒ 1. 90
 - ☒ 2. 126
 - ☒ 3. 100
 - ☒ 4. 108

Question ID : 630680381755
Option 1 ID : 6306801487950
Option 2 ID : 6306801487948
Option 3 ID : 6306801487947
Option 4 ID : 6306801487949
Status : Answered
Chosen Option : 3

Q.11 The present ages of A and B is 3 : 5 and 10 years ago the ratio of their ages was 1 : 2. What is the present age of A?

- Ans**
- ☐ 1. 20 years
 - ☐ 2. 45 years
 - ☒ 3. 30 years
 - ☐ 4. 60 years





Question ID : 630680381760
Option 1 ID : 6306801487970
Option 2 ID : 6306801487967
Option 3 ID : 6306801487969
Option 4 ID : 6306801487968
Status : **Answered**
Chosen Option : 3

Q.12 If two interior angles on the same side of a transversal intersecting two parallel lines are in the ratio 4 : 5, then the smaller of the two angles is:

- Ans**
- ☐ 1. 100°
 - ☐ 2. 90°
 - ☐ 3. 80°
 - ☒ 4. 60°





Question ID : 630680381768
Option 1 ID : 6306801487999
Option 2 ID : 6306801488000
Option 3 ID : 6306801488001
Option 4 ID : 6306801488002
Status : **Answered**
Chosen Option : 3

Q.13 A chemist has two solutions, Solution A, which contains 30% acid, and Solution B, which contains 60% acid. The chemist wants to create a 600 ml solution that contains 50% acid. How much of each solution should be mixed?

- Ans**  1. A: 200 ml and B: 400 ml
-  2. A: 300 ml and B: 400 ml
-  3. A: 300 ml and B: 600 ml
-  4. A: 300 ml and B: 300 ml

Question ID : 630680381749
Option 1 ID : 6306801487923
Option 2 ID : 6306801487926
Option 3 ID : 6306801487925
Option 4 ID : 6306801487924
Status : Answered
Chosen Option : 1

Q.14 A student multiplied a number by $\frac{4}{5}$ instead of $\frac{5}{4}$. What is the percentage error in the calculation?

- Ans**  1. 30%
-  2. 10%
-  3. 36%
-  4. 24%

Question ID : 630680381750
Option 1 ID : 6306801487927
Option 2 ID : 6306801487929
Option 3 ID : 6306801487928
Option 4 ID : 6306801487930
Status : Answered
Chosen Option : 3

Q.15 If the diameter of a sphere is 56 cm, then what is the total surface area of the sphere?

- Ans
- ✓ 1. 2662 cm³
 - ✗ 2. 3024 cm³
 - ✗ 3. 2848 cm³
 - ✗ 4. 2456 cm³

Question ID : 630680381759
Option 1 ID : 6306801487964
Option 2 ID : 6306801487966
Option 3 ID : 6306801487965
Option 4 ID : 6306801487963
Status : Answered
Chosen Option : 4

Q.16 If the volume of a cube is 729 cm³, it's surface area is:

- Ans
- ✗ 1. 468 cm²
 - ✗ 2. 458 cm²
 - ✓ 3. 496 cm²
 - ✗ 4. 486 cm²

Question ID : 630680381764
Option 1 ID : 6306801487983
Option 2 ID : 6306801487986
Option 3 ID : 6306801487985
Option 4 ID : 6306801487984
Status : Answered
Chosen Option : 4

Q.17 In a local election, there are 3 contestants, Candidate A received 40% of the total votes, Candidate B received 35% of the total votes, and Candidate C received 2500 votes, find the total number of votes in that election.

- Ans**
- ✓ 1. 10,000
 - ✗ 2. 10,500
 - ✗ 3. 12,500
 - ✗ 4. 7,500

Question ID : 630680381751
Option 1 ID : 6306801487932
Option 2 ID : 6306801487934
Option 3 ID : 6306801487931
Option 4 ID : 6306801487933
Status : Answered
Chosen Option : 1

Q.18 How many years will it take for a sum of money to double if the simple interest rate is 20% per year?

- Ans**
- ✗ 1. 6 years
 - ✗ 2. 5.5 years
 - ✓ 3. 5 years
 - ✗ 4. 6.5 years

Question ID : 630680381756
Option 1 ID : 6306801487952
Option 2 ID : 6306801487953
Option 3 ID : 6306801487951
Option 4 ID : 6306801487954
Status : Answered
Chosen Option : 3

Q.19 AB is a diameter of a circle and AD is a chord. If AB = 10 cm, AD = 8 cm, the shortest distance of AD from the centre of the circle is:

- Ans ☒ 1. 3 cm
☐ 2. 6 cm
☐ 3. 5 cm
☐ 4. 4 cm

Question ID : 630680381766
Option 1 ID : 6306801487992
Option 2 ID : 6306801487994
Option 3 ID : 6306801487991
Option 4 ID : 6306801487993
Status : Answered
Chosen Option : 3

Q.20 Three successive discounts of 6%, 10%, 15% are equal to a single discount of:

- Ans ☐ 1. 29.08%
☐ 2. 31.09%
☒ 3. 28.09%
☐ 4. 30.09%

Question ID : 630680381752
Option 1 ID : 6306801487936
Option 2 ID : 6306801487935
Option 3 ID : 6306801487937
Option 4 ID : 6306801487938
Status : Answered
Chosen Option : 3

Q.21 Rohit purchased a cycle and sold it to Shyam at the profit of 10%, Shyam sold it to Tanuj at the profit of 10%. If Tanuj purchased it for ₹2,299, then find the purchase cost of cycle to Rohit.

- Ans**
- ✓ 1. ₹1,900
 - ✗ 2. ₹1,899
 - ✗ 3. ₹2,199
 - ✗ 4. ₹1,910

Question ID : 630680381753
Option 1 ID : 6306801487939
Option 2 ID : 6306801487942
Option 3 ID : 6306801487941
Option 4 ID : 6306801487940
Status : Answered
Chosen Option : 1

Q.22 In a camp, there is enough flour for 300 people for 44 days. How long will the flour last if 30 more people join the camp?

- Ans**
- ✗ 1. 44 days
 - ✗ 2. 48 days
 - ✓ 3. 40 days
 - ✗ 4. 36 days

Question ID : 630680381757
Option 1 ID : 6306801487958
Option 2 ID : 6306801487956
Option 3 ID : 6306801487957
Option 4 ID : 6306801487955
Status : Answered
Chosen Option : 3

Q.23 If the radius of a cylinder is doubled and the height is reduced by 50%, then the curved surface area of the new cylinder is:

- Ans**
- ☒ 1. double the previous
 - ☒ 2. 25% increase of the previous
 - ☒ 3. same as the previous
 - ☒ 4. 50% increase of the previous

Question ID : 630680381765

Option 1 ID : 6306801487988

Option 2 ID : 6306801487990

Option 3 ID : 6306801487987

Option 4 ID : 6306801487989

Status : **Not Answered**

Chosen Option : --

Q.24 Evaluate $3 + 4 \times (8 - 2) - 10 \div 5$.

- Ans**
- ☒ 1. 26
 - ☒ 2. 25
 - ☒ 3. 27
 - ☒ 4. 28

Question ID : 630680381747

Option 1 ID : 6306801487916

Option 2 ID : 6306801487917


Option 3 ID : 6306801487915

Option 4 ID : 6306801487918

Status : **Not Answered**

Chosen Option : --

Q.25 A student's final score is calculated based on three components, exams (weighted 50%), assignments (weighted 30%) and participation (weighted 20%). The student's scores in each component are exams: 86, assignments: 90, participation: 75. Calculate the student's final score.

- Ans**  1. 85
-  2. 83.6
-  3. 83
-  4. 85.6

Question ID : 630680381748
Option 1 ID : 6306801487922
Option 2 ID : 6306801487921
Option 3 ID : 6306801487920
Option 4 ID : 6306801487919
Status : **Not Answered**
Chosen Option : --

Section : English Language (Basic Knowledge)

Q.1 Select the option that correctly rectifies the underlined spelling error.

He studied the tatoo on her forearm, tracing the constellation with his eyes as the stars turned into scars.

- Ans**  1. tattou
-  2. tettoo
-  3. tattu
-  4. tattoo

Question ID : 630680381692
Option 1 ID : 6306801487698
Option 2 ID : 6306801487695
Option 3 ID : 6306801487696
Option 4 ID : 6306801487697
Status : **Answered**
Chosen Option : 4

Q.2 Select the most appropriate preposition that can substitute the underlined segment in the given sentence.

He heard the swishing sound of the washing machine on the pantry.

- Ans ☒ 1. under
☒ 2. as
☒ 3. in
☒ 4. between

Question ID : 630680381684
Option 1 ID : 6306801487663
Option 2 ID : 6306801487666
Option 3 ID : 6306801487665
Option 4 ID : 6306801487664
Status : Answered
Chosen Option : 3

Q.3 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Instinctively he ducked, slumping down into the seat.

- Ans ☒ 1. Falling
☒ 2. Straightening
☒ 3. Slouching
☒ 4. Sitting

Question ID : 630680381689
Option 1 ID : 6306801487685
Option 2 ID : 6306801487684
Option 3 ID : 6306801487683
Option 4 ID : 6306801487686
Status : Answered
Chosen Option : 2

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence.
If there is no need to substitute it, select 'No substitution required'.Too many parents these days can't say no and so, they found themselves raising children who respond greedily to the advertisements aimed right at them.

- Ans**
- ☐ 1. finding themselves raising
 - ☐ 2. finds themselves raising
 - ☐ 3. No substitution required'
 - ☒ 4. find themselves raising

Question ID : 630680381677
Option 1 ID : 6306801487637
Option 2 ID : 6306801487636
Option 3 ID : 6306801487635
Option 4 ID : 6306801487638
Status : Answered
Chosen Option : 3

Q.5 Select the most appropriate idiom that conveys the meaning given in the brackets to fill in the blank.

Rekha was dismissed from her job at the beauty parlour. She was _____
(discovered doing something illegal or forbidden), stealing some of the supplies.

- Ans**
- ☐ 1. in the thick of action
 - ☐ 2. having the time of her life
 - ☐ 3. neck deep in debt
 - ☒ 4. caught red handed

Question ID : 630680381687
Option 1 ID : 6306801487678
Option 2 ID : 6306801487675
Option 3 ID : 6306801487677
Option 4 ID : 6306801487676
Status : Answered
Chosen Option : 4

Q.6 Select the option that can be used as a one-word substitute for the underlined group of words to fill in the blank.
In a state of disorder due to the absence or non-recognition of authority or other controlling systems the city descended into a state of _____, with chaos reigning and lawlessness prevailing.

- Ans
- ☐ 1. autocracy
 - ☐ 2. aristocracy
 - ☐ 3. autonomy
 - ☒ 4. anarchy

Question ID : 630680381675
Option 1 ID : 6306801487629
Option 2 ID : 6306801487627
Option 3 ID : 6306801487630
Option 4 ID : 6306801487628
Status : Answered
Chosen Option : 4

Q.7 Select the option that correctly rectifies the underlined spelling error.
They passed through a large door onto the factory floor, a cavernus room, emptied of machinery but filled with the odour of grease and sweat that still lingered in the air.

- Ans
- ☒ 1. cavernous
 - ☐ 2. cavernuos
 - ☐ 3. kawernous
 - ☐ 4. kavernus

Question ID : 630680381693
Option 1 ID : 6306801487700
Option 2 ID : 6306801487702
Option 3 ID : 6306801487699
Option 4 ID : 6306801487701
Status : Answered
Chosen Option : 1

Q.8 Select the most appropriate conjunction that can substitute the underlined segment in the given sentence.

The letter included a date for the inspection, what she seemed to recall was coming up quite soon.

- Ans ☒ 1. which
- ☐ 2. because
- ☐ 3. who
- ☐ 4. and

Question ID : 630680381686
Option 1 ID : 6306801487673
Option 2 ID : 6306801487674
Option 3 ID : 6306801487671
Option 4 ID : 6306801487672
Status : Answered
Chosen Option : 2

Q.9 Select the most appropriate homonyms to fill in the blanks.

The archaeologist carefully marked the ancient artifacts' exact location on the dig ____ before deciding to ____ the discovery in her groundbreaking research paper.

- Ans ☒ 1. site, cite
- ☐ 2. cite, cite
- ☐ 3. site, site
- ☐ 4. cite, site

Question ID : 630680381695
Option 1 ID : 6306801487709
Option 2 ID : 6306801487710
Option 3 ID : 6306801487707
Option 4 ID : 6306801487708
Status : Answered
Chosen Option : 1

Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Mostly she listened in silence.
- B. She spoke in the same quiet, solemn voice that she used when she read to the children.
- C. Cory knew about stories and how to deploy them.
- D. It was a voice that demanded nothing less than full attention, and so Annabelle listened.

- Ans
- ☒ 1. ACBD
 - ☒ 2. CBDA
 - ☒ 3. ABCD
 - ☒ 4. CABD

Question ID : 630680381680
Option 1 ID : 6306801487648
Option 2 ID : 6306801487650
Option 3 ID : 6306801487647
Option 4 ID : 6306801487649
Status : Answered
Chosen Option : 4

Q.11 Select the most appropriate ANTONYM of the underlined word in the given sentence. Sometimes they made it hard for him to think logically.

- Ans
- ☒ 1. Analytically
 - ☒ 2. Abruptly
 - ☒ 3. Sequentially
 - ☒ 4. Irrationally

Question ID : 630680381690
Option 1 ID : 6306801487688
Option 2 ID : 6306801487690
Option 3 ID : 6306801487689
Option 4 ID : 6306801487687
Status : Answered
Chosen Option : 4

Q.12 Select the most appropriate idiom that conveys the meaning given in the brackets to fill in the blank.

Ever since their last quarrel, my two best friends have been _____ (ignoring and treating in an unfriendly way) each other in public.

- Ans
- ☐ 1. having a chip on their shoulder
 - ☒ 2. giving each other the cold shoulder
 - ☐ 3. crossing swords with
 - ☐ 4. giving each other high fives

Question ID : 630680381688
Option 1 ID : 6306801487682
Option 2 ID : 6306801487680
Option 3 ID : 6306801487679
Option 4 ID : 6306801487681
Status : Answered
Chosen Option : 2

Q.13 Select the most appropriate synonym of the underlined word in the given sentence.

He tilted his head back and looked up the nine levels to the vaulted top of the new wing.

- Ans
- ☒ 1. Arched
 - ☐ 2. Safe
 - ☐ 3. Tomb
 - ☐ 4. Broken

Question ID : 630680381691
Option 1 ID : 6306801487692
Option 2 ID : 6306801487693
Option 3 ID : 6306801487691
Option 4 ID : 6306801487694
Status : Answered
Chosen Option : 1

Q.14 Select the option that can be used as a one-word substitute for the underlined group of words.

As I wandered through the forest, I caught sight of a squirrel's nest, skilfully constructed with a cozy mass of twigs and leaves.

- Ans ☒ 1. Burrow
- ☒ 2. Drey
- ☒ 3. Aviary
- ☒ 4. Hutch

Question ID : 630680381676
Option 1 ID : 6306801487632
Option 2 ID : 6306801487633
Option 3 ID : 6306801487634
Option 4 ID : 6306801487631
Status : Answered
Chosen Option : 4

Q.15 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Shadows danced menacingly, and the wind whispered haunting melodies through the trees.
- B. A lone figure trudged along an eerie, winding path, guided only by the feeble light of a flickering lantern.
- C. Yet, in the darkness, a glimmer of hope ignited as the figure pressed on, drawn by an enigmatic force towards an unknown destiny.
- D. On a dark night, the moon hid behind a thick blanket of clouds, shrouding the world in darkness.

- Ans ☒ 1. BCDA
- ☒ 2. ABCD
- ☒ 3. CBAD
- ☒ 4. DBAC

Question ID : 630680381679
Option 1 ID : 6306801487643
Option 2 ID : 6306801487644
Option 3 ID : 6306801487646
Option 4 ID : 6306801487645
Status : Answered
Chosen Option : 4

Q.16 Select the most appropriate homonyms to fill in the blanks.

As I walked past the bakery, the delightful _____ of freshly baked bread and pastries filled the air, tempting me to spend a few more _____ on these irresistible treats.

- Ans
- ☒ 1. cents, scents
 - ☒ 2. cents, cents
 - ☒ 3. scents, cents
 - ☒ 4. scents, scents

Question ID : 630680381694
Option 1 ID : 6306801487704
Option 2 ID : 6306801487706
Option 3 ID : 6306801487705
Option 4 ID : 6306801487703
Status : Answered
Chosen Option : 3

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.
If there is no need to substitute it, select 'No substitution required'. Call it a blessing or a curse of Mother Nature, we have to breath in over 10,000 litres of air in a day to remain alive.

- Ans
- ☒ 1. we have to breathe
 - ☒ 2. we have to breathes
 - ☒ 3. No substitution required
 - ☒ 4. we have to breathing

Question ID : 630680381678
Option 1 ID : 6306801487640
Option 2 ID : 6306801487641
Option 3 ID : 6306801487642
Option 4 ID : 6306801487639
Status : Answered
Chosen Option : 1

Q.18 Select the most appropriate adverb that can substitute the underlined segment in the given sentence.

The first thing Benny noticed when he arrived home was that the back door swung open dirtily, and the trash and recycling bags that usually blocked it were gone.

- Ans
- ☒ 1. fixedly
 - ☒ 2. flirtingly
 - ☒ 3. freely
 - ☒ 4. shut

Question ID : 630680381685
Option 1 ID : 6306801487670
Option 2 ID : 6306801487669
Option 3 ID : 6306801487668
Option 4 ID : 6306801487667
Status : Answered
Chosen Option : 3

Q.19 Select the most appropriate one-word substitutes for the groups of words given in the brackets to fill in the blanks.

They watched as Armstrong moved slowly away from the landing _____ (unit of a spacecraft that can function independent of the other), reporting on the _____ (state of something) of the struts.

- Ans
- ☒ 1. pad, beauty
 - ☒ 2. module, condition
 - ☒ 3. porch, ugliness
 - ☒ 4. capsule, mechanics

Question ID : 630680381681
Option 1 ID : 6306801487651
Option 2 ID : 6306801487652
Option 3 ID : 6306801487653
Option 4 ID : 6306801487654
Status : Answered
Chosen Option : 1

Q.20 Select the most appropriate one-word substitutes for the groups of words given in the brackets to fill in the blanks.
I'm making bread crumb trails through the _____ (complicated network of paths) of the library's collection, tracing the _____ (dividing into two) paths of my journey.

- Ans ☒ 1. vastness, multiple
☒ 2. catalogue, documented
☒ 3. ocean, wavy
☒ 4. labyrinth, forking

Question ID : 630680381682
Option 1 ID : 6306801487657
Option 2 ID : 6306801487655
Option 3 ID : 6306801487658
Option 4 ID : 6306801487656
Status : Answered
Chosen Option : 1

Q.21 Select the most appropriate one-word substitutes for the groups of words given in the brackets to fill in the blanks.
Space and time were hopelessly _____ (become caught), and the present moment was growing increasingly _____ (far away in time).

- Ans ☒ 1. vague, practical
☒ 2. entangled, remote
☒ 3. separate, real
☒ 4. detached, tangible





Question ID : 630680381683
Option 1 ID : 6306801487661
Option 2 ID : 6306801487662
Option 3 ID : 6306801487660
Option 4 ID : 6306801487659
Status : Answered
Chosen Option : 2

Comprehension:

Read the given passage and answer the questions that follow.
A low-altitude dweller, when taken to high altitudes, shows a 25-30% increase in basal metabolic rate, which is the calories you burn while remaining in bed all day. This means that more oxygen is required by the body, even though the air has less oxygen. It takes a few weeks to acclimatise to low oxygen.
High-altitude-adapted Tibetans and Andeans have the same normal basal metabolic rate at high altitudes as other people on their home grounds. The forced vital capacity (FVC) is the maximum amount of air that you can exhale after filling your lungs. The FVC is 15% higher in men, and 9% higher in women adapted to higher altitudes. FEVI, the amount of air that is exhaled in one second, is also higher.
The difficult living conditions ensure fitness. Studies in the Kinnaur district of Himachal Pradesh have shown that the average blood pressure in the 70-74 age group remains 120/80. For all the hardships associated with living at high altitudes, there may be some compensatory benefits too. A recent study (PLOS Biology, May 2022) took a strain of mice with genetically short life span. These mice lived 50% longer when brought up in a low-oxygen atmosphere that simulates the Everest base camp!

SubQuestion No : 22

Q.22 What is the meaning of the word ‘acclimatise’ used in the passage?

- Ans  1. Get used to a new place or situation or climate
-  2. Change one’s clothing according to a new place or climate
-  3. Change as per a new place or situation or climate
-  4. Modify one’s mood according to a new place or climate

Question ID : 630680381674
Option 1 ID : 6306801487624
Option 2 ID : 6306801487626
Option 3 ID : 6306801487623
Option 4 ID : 6306801487625
Status : Answered
Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

A low-altitude dweller, when taken to high altitudes, shows a 25-30% increase in basal metabolic rate, which is the calories you burn while remaining in bed all day. This means that more oxygen is required by the body, even though the air has less oxygen. It takes a few weeks to acclimatise to low oxygen.

High-altitude-adapted Tibetans and Andeans have the same normal basal metabolic rate at high altitudes as other people on their home grounds. The forced vital capacity (FVC) is the maximum amount of air that you can exhale after filling your lungs. The FVC is 15% higher in men, and 9% higher in women adapted to higher altitudes. FEVI, the amount of air that is exhaled in one second, is also higher.

The difficult living conditions ensure fitness. Studies in the Kinnaur district of Himachal Pradesh have shown that the average blood pressure in the 70-74 age group remains 120/80. For all the hardships associated with living at high altitudes, there may be some compensatory benefits too. A recent study (PLOS Biology, May 2022) took a strain of mice with genetically short life span. These mice lived 50% longer when brought up in a low-oxygen atmosphere that simulates the Everest base camp!

SubQuestion No : 23

Q.23 Select the most suitable title for the passage.

- Ans
- ☒ 1. Himachali Way of Life
 - ☒ 2. Pros and Cons of Living at High Altitudes
 - ☒ 3. Oxygen is Essential
 - ☒ 4. Basal Metabolic Rate and Forced Vital Capacity

Question ID : 630680381671
Option 1 ID : 6306801487612
Option 2 ID : 6306801487613
Option 3 ID : 6306801487614
Option 4 ID : 6306801487611
Status : Answered
Chosen Option : 4

Comprehension:

Read the given passage and answer the questions that follow.
A low-altitude dweller, when taken to high altitudes, shows a 25-30% increase in basal metabolic rate, which is the calories you burn while remaining in bed all day. This means that more oxygen is required by the body, even though the air has less oxygen. It takes a few weeks to acclimatise to low oxygen.
High-altitude-adapted Tibetans and Andeans have the same normal basal metabolic rate at high altitudes as other people on their home grounds. The forced vital capacity (FVC) is the maximum amount of air that you can exhale after filling your lungs. The FVC is 15% higher in men, and 9% higher in women adapted to higher altitudes. FEVI, the amount of air that is exhaled in one second, is also higher.
The difficult living conditions ensure fitness. Studies in the Kinnaur district of Himachal Pradesh have shown that the average blood pressure in the 70-74 age group remains 120/80. For all the hardships associated with living at high altitudes, there may be some compensatory benefits too. A recent study (PLOS Biology, May 2022) took a strain of mice with genetically short life span. These mice lived 50% longer when brought up in a low-oxygen atmosphere that simulates the Everest base camp!

SubQuestion No : 24

Q.24 Identify the most appropriate ANTONYM of the word ‘hardship’ used in the passage.

- Ans
- ✗ 1. Difficulty
 - ✗ 2. Documentation
 - ✗ 3. Ruggedness
 - ✓ 4. Advantage

Question ID : 630680381672
Option 1 ID : 6306801487615
Option 2 ID : 6306801487617
Option 3 ID : 6306801487618
Option 4 ID : 6306801487616
Status : Answered
Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

A low-altitude dweller, when taken to high altitudes, shows a 25-30% increase in basal metabolic rate, which is the calories you burn while remaining in bed all day. This means that more oxygen is required by the body, even though the air has less oxygen. It takes a few weeks to acclimatise to low oxygen.

High-altitude-adapted Tibetans and Andeans have the same normal basal metabolic rate at high altitudes as other people on their home grounds. The forced vital capacity (FVC) is the maximum amount of air that you can exhale after filling your lungs. The FVC is 15% higher in men, and 9% higher in women adapted to higher altitudes. FEVI, the amount of air that is exhaled in one second, is also higher.

The difficult living conditions ensure fitness. Studies in the Kinnaur district of Himachal Pradesh have shown that the average blood pressure in the 70-74 age group remains 120/80. For all the hardships associated with living at high altitudes, there may be some compensatory benefits too. A recent study (PLOS Biology, May 2022) took a strain of mice with genetically short life span. These mice lived 50% longer when brought up in a low-oxygen atmosphere that simulates the Everest base camp!

SubQuestion No : 25

Q.25 Identify the most appropriate synonym of the word ‘simulate’ used in the passage.

- Ans
- ✗ 1. Try
 - ✗ 2. Nullify
 - ✓ 3. Imitate
 - ✗ 4. Deny

Question ID : 630680381673
Option 1 ID : 6306801487619
Option 2 ID : 6306801487620
Option 3 ID : 6306801487621
Option 4 ID : 6306801487622
Status : Answered
Chosen Option : 1