Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	11/11/2022
Exam Time	9:00 AM - 11:00 AM
Subject	SICPO Paper I 2022

Section : **General Intelligence and Reasoning**

Q.1 **Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statement :
Some Sofas are Chair.
Some Chairs are Tables.
All Tables are Beds.
Conclusions:
(I) Some Sofas are Tables.
(II) Some Chairs are Beds.
(III) Some Beds are Sofas.

Ans
✗ 1. Both Conclusions II and III follow.
✗ 2. Only Conclusion I follows.
✗ 3. Both Conclusions I and III follow.
✓ 4. Only Conclusion II follows.

Question ID : **26433068959**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.**
s _ t r m _ _ _ h _ _ m m k _ h t _ _ m k

Ans
✗ 1. h m k s t r s m r
✗ 2. h m k s r t s m m
✗ 3. h k m s t r s m m
✓ 4. h m k s t r s r m

Question ID : **26433056786**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the set in which the numbers are related in the same way as are the numbers of the given sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(5, 60, 70)
(9, 108, 126)

Ans
✓ 1. (7, 84, 98)
✗ 2. (4, 48, 52)
✗ 3. (6, 72, 74)
✗ 4. (8, 84, 112)

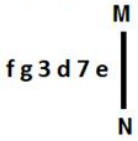
Question ID : **26433057072**
Status : **Answered**
Chosen Option : **1**

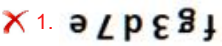
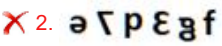
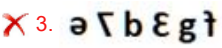
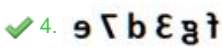
Q.4 In a certain code language, 'TROUBLE' is written as '93' and 'COMMUTE' is written as '90'. How will 'FRACTION' be written in that language?

Ans
✔ 1. 86
✘ 2. 76
✘ 3. 56
✘ 4. 96

Question ID : **26433056206**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



Ans
✘ 1. 
✘ 2. 
✘ 3. 
✔ 4. 

Question ID : **26433055956**
Status : **Answered**
Chosen Option : **4**

Q.6 Which letter-cluster will replace the question mark (?) to complete the given series?
WGPR, UDLM, ?, QXDC, OUZX

Ans
✔ 1. SAHH
✘ 2. TBFG
✘ 3. UCHF
✘ 4. TAHG

Question ID : **26433068041**
Status : **Answered**
Chosen Option : **1**

Q.7 'V + W' means 'V is the sister of W'
'V – W' means 'V is the father of W'
'V * W' means 'V is the mother of W'
'V ÷ W' means 'V is the brother of W'
If 'J + C * K – M', how is J related to K?

Ans
✘ 1. Mother
✘ 2. Brother
✘ 3. Sister
✔ 4. Maternal aunt

Question ID : **26433090233**
Status : **Answered**
Chosen Option : **4**

Q.8 **Which of the following numbers will replace the question mark (?) in the given series?**

25, 29, 36, 49, 71, ?

Ans

✗ 1. 108

✗ 2. 106

✗ 3. 103

✓ 4. 105

Question ID : **26433057347**
Status : **Answered**
Chosen Option : **4**

Q.9 **Which of the following numbers will replace the question mark (?) in the given series?**

85, 64, 51, 44, 41, ?

Ans

✗ 1. 37

✓ 2. 40

✗ 3. 38

✗ 4. 39

Question ID : **26433057340**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.**
4 : 18 :: 12 : ? :: 7 : 51

Ans

✓ 1. 146

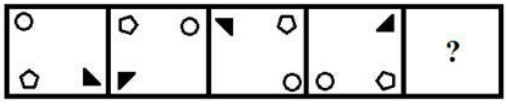
✗ 2. 142

✗ 3. 148

✗ 4. 144

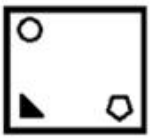
Question ID : **26433056285**
Status : **Answered**
Chosen Option : **1**

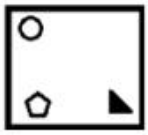
Q.11 Select the figure that will come in place of the question mark (?) in the following figure series.

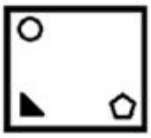


Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **26433056941**
Status : **Answered**
Chosen Option : **3**

Q.12 **In a certain code language, 'DRAFT' is written as 'GUDIW' and 'LIMIT' is written as 'OLPLW'. How will 'MAJOR' be written in that language?**

Ans

✗ 1. OBMRT

✗ 2. QCNQT

✓ 3. PDMRU

✗ 4. QBWRU

Question ID : **26433056564**
Status : **Answered**
Chosen Option : **3**

Q.13 **If A denotes '+', B denotes '×', C denotes '−', and D denotes '÷', then what will be the value of the following expression?**
67 C 45 A 12 D 6 B 2

Ans

✗ 1. 23

✗ 2. 22

✓ 3. 26

✗ 4. 24

Question ID : **26433068699**
Status : **Answered**
Chosen Option : **3**

Q.14 **If 31 January 2022 was a Monday, what was the day on the same date 100 years ago?**

Ans

✗ 1. Wednesday

✗ 2. Sunday

✓ 3. Tuesday

✗ 4. Monday

Question ID : **26433057669**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(82, 75, 66)
(69, 62, 53)

Ans

✗ 1. (21, 16, 9)

✗ 2. (49, 52, 35)

✓ 3. (61, 54, 45)

✗ 4. (36, 28, 21)

Question ID : **26433057445**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Select the option figure in which the given figure is embedded (rotation is NOT allowed).



Ans

✓ 1. 

✗ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433057374**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
(440 * 11) * 85 * 57 * (34 * 3)

Ans
✗ 1. +, −, =, ÷, +
✗ 2. ×, =, −, ÷, +
✗ 3. +, ×, =, ÷, +
✓ 4. ÷, −, =, −, ×

Question ID : **26433057661**
Status : **Answered**
Chosen Option : **4**

Q.18 If M denotes '-', N denotes '+', O denotes '×', and P denotes '÷', then what will come in place of '?' in the following equation?

$(\sqrt{169}0\sqrt{25})$ P 48 N 4 M 21 P 32 = ?

Ans
✗ 1. 86
✓ 2. 88
✗ 3. 90
✗ 4. 92

Question ID : **26433057627**
Status : **Answered**
Chosen Option : **2**

Q.19 **Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statements:
All trees are rocks.
All rocks are cups.
Conclusions:
I. All trees are cups.
II. Some cups are trees.

Ans
✗ 1. Only conclusion I follows.
✗ 2. Neither conclusion I nor II follows
✓ 3. Both conclusions I and II follow.
✗ 4. Only conclusion II follows.

Question ID : **26433056052**
Status : **Answered**
Chosen Option : **3**

Q.20 **Eight people are sitting in two parallel rows with 4 people each in such a way that there is equal distance between adjacent persons. P, Q, R and S are seated in the same row facing south. L, M, N and O are seated in the same row facing north. L sits to the extreme left of the row and faces R who sits exactly opposite him. P sits second to the left of R and is exactly opposite O. M sits at the extreme right of their row and is exactly opposite S. Who sits exactly opposite Q?**

Ans
✗ 1. L
✗ 2. M
✓ 3. N
✗ 4. O

Question ID : **26433068739**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Which of the following numbers will replace the question mark (?) in the given series?**
131, 1179, 1171, ?, 8191

Ans

✗ 1. 8287

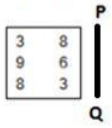
✓ 2. 8197

✗ 3. 8199

✗ 4. 8289

Question ID : **26433067644**
Status : **Answered**
Chosen Option : **2**

Q.22 Select the correct mirror image of the given figure when the mirror is placed at line PQ as shown.

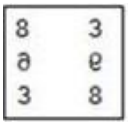


Ans

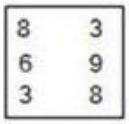
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : **26433068436**
Status : **Answered**
Chosen Option : **4**

Q.23 **Ritu drives 2 km towards south from point A. She takes a right turn and drives 2 km more. She again takes a right turn and drives 2 km. Finally, she takes one more right turn and drives 4 km to reach point B. How far and towards which direction should she drive in order to reach point A again?**

Ans

✗ 1. 3 km towards east

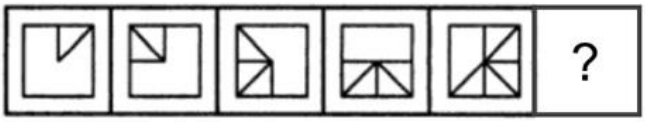
✓ 2. 2 km towards west

✗ 3. 2 km towards south

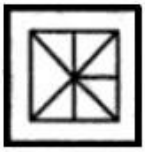
✗ 4. 3 km towards north

Question ID : **26433068273**
Status : **Answered**
Chosen Option : **2**

Q.24 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **26433080539**
Status : **Answered**
Chosen Option : **3**

Q.25 **Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)**
Worried : Anxious :: At ease : ?

Ans

✗ 1. Distraught

✓ 2. Calm

✗ 3. Bothered

✗ 4. Perturbed

Question ID : **26433065624**
Status : **Answered**
Chosen Option : **2**

Q.26 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.**
(The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)
Physiology : Human body

Ans

✗ 1. Ornithology : Insects

✗ 2. Entomology : Birds

✗ 3. Anthropology : Dinosaurs

✓ 4. Petrology : Rocks

Question ID : **26433085621**
Status : **Answered**
Chosen Option : **4**

Q.27 **If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation?**
16 D 2 B 9 C 15 A 32 = ?

Ans

✔ 1. 89

✗ 2. 99

✗ 3. 97

✗ 4. 93

Question ID : **26433057621**
Status : **Answered**
Chosen Option : **1**

Q.28 Select the option figure in which the given figure is embedded (rotation is NOT allowed).



Ans

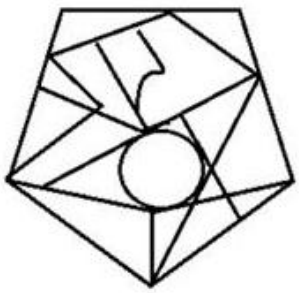
✗ 1.



✔ 2.



✗ 3.



✗ 4.



Question ID : **26433056676**
Status : **Answered**
Chosen Option : **2**

Q.29 **Mohan's house faces south. He steps out of his house and goes straight for 30 m. From there, he takes two successive right turns and covers a distance of 6 m and 24 m, respectively. Finally, he takes a left turn and walks a distance of 2 m to reach a grocery shop. What is the shortest distance between his house and the grocery shop?**

Ans

✗ 1. 12 m

✗ 2. 6 m

✗ 3. 8 m

✓ 4. 10 m

Question ID : **26433057310**
Status : **Answered**
Chosen Option : **3**

Q.30 **A # B means 'A is the mother of B'**
A @ B means 'A is the sister of B'
A & B means 'A is the husband of B'
A % B means 'A is the wife of B'
If W & Q @ T # Y @ M % K, then how is K related to T?

Ans

✗ 1. Brother

✗ 2. Wife's brother

✓ 3. Daughter's husband

✗ 4. Son

Question ID : **26433074714**
Status : **Answered**
Chosen Option : **3**

Q.31 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.

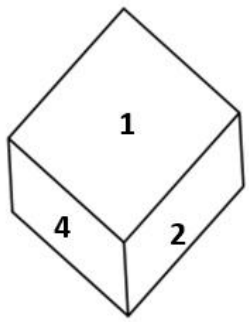


Figure 1

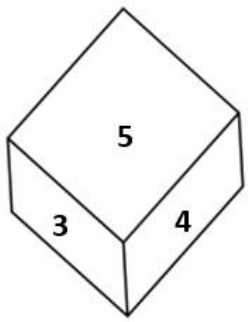


Figure 2

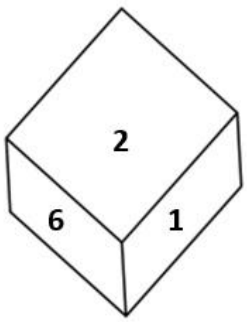


Figure 3

Ans

✗ 1. 1

✗ 2. 2

✗ 3. 3

✓ 4. 6

Question ID : **26433069058**
Status : **Answered**
Chosen Option : **4**

Q.32 **Which two signs should be interchanged to make the given equation correct?**
192 × 16 + 9 - 8 ÷ 2 = 5

Ans
✔ 1. × and ÷
✗ 2. + and -
✗ 3. × and -
✗ 4. + and ÷

Question ID : **26433059952**
Status : **Answered**
Chosen Option : **1**

Q.33 **In a code language, 'sign up for sports' is written as 'kri rit vin gab', 'the sign post fell' is written as 'pri dan rit nei', 'the post is closed' is written as 'dan sha fal pri'. What is the code for the word 'fell' in this language?**

Ans
✗ 1. pri
✔ 2. nei
✗ 3. fal
✗ 4. rit

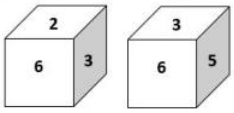
Question ID : **26433056770**
Status : **Answered**
Chosen Option : **2**

Q.34 **Select the number from among the given options that can replace the question mark (?) in the following series.**
10, 15, 19, 22, ?, 25

Ans
✔ 1. 24
✗ 2. 20
✗ 3. 27
✗ 4. 23

Question ID : **26433057023**
Status : **Answered**
Chosen Option : **1**

Q.35 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '5'.



Ans
✗ 1. 6
✗ 2. 4
✔ 3. 2
✗ 4. 1

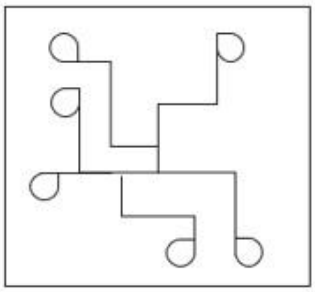
Question ID : **26433058064**
Status : **Answered**
Chosen Option : **3**

Q.36 Select the option in which the given figure is embedded (rotation is NOT allowed).

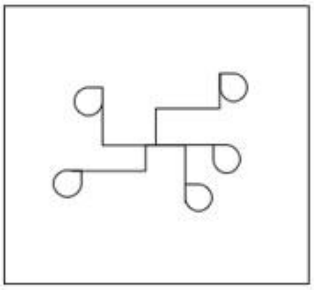


Ans

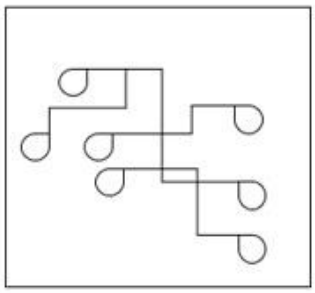
✗ 1.



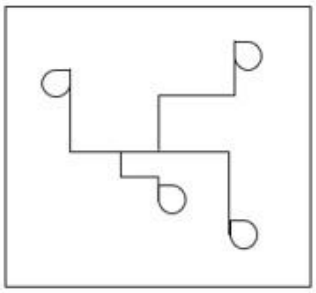
✗ 2.



✓ 3.

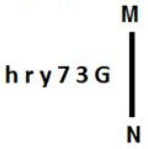


✗ 4.

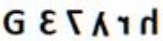


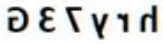
Question ID : **26433057800**
Status : **Answered**
Chosen Option : **3**

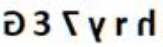
Q.37 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

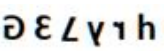


Ans

✗ 1. 

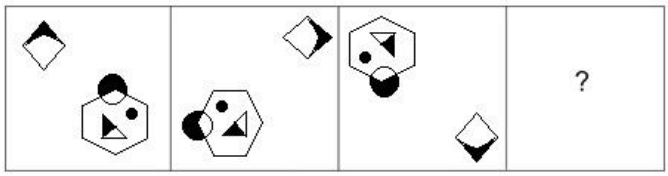
✓ 2. 

✗ 3. 

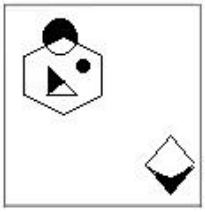
✗ 4. 

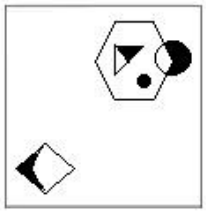
Question ID : **26433055952**
Status : **Answered**
Chosen Option : **2**

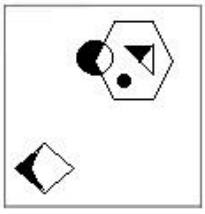
Q.38 Select the figure that will replace the question mark (?) in the following figure series.

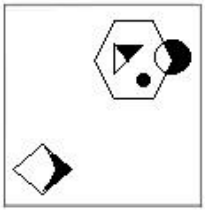


Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433070434**
Status : **Answered**
Chosen Option : **2**

Q.39 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
213 * 67 * 119 * (248 * 31) * 169

Ans
✗ 1. −, ÷, =, −, ×
✓ 2. +, −, +, ÷, =
✗ 3. ×, −, =, +, ÷
✗ 4. +, −, =, −, ×

Question ID : **26433057653**
Status : **Answered**
Chosen Option : **2**

Q.40 **Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster.**

Ans
✓ 1. JHFA
✗ 2. MKHD
✗ 3. XVSO
✗ 4. NLIE

Question ID : **26433065648**
Status : **Answered**
Chosen Option : **1**

Q.41 **Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.**
_ EF _ E _ EE _ _ EF

Ans
✗ 1. FEFEF
✗ 2. FEFFE
✗ 3. EEFEF
✓ 4. EEFFE

Question ID : **26433057725**
Status : **Answered**
Chosen Option : **4**

Q.42 **Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statements:
Some mobiles are tablets.
All tablets are laptops.
Conclusions:
I. Some laptops are mobiles.
II. Some mobiles are laptops.
III. All mobiles are laptops.

Ans
✓ 1. Only conclusions I and II follow
✗ 2. Only conclusions I and III follow
✗ 3. All of the conclusions follow
✗ 4. Only conclusions II and III follow

Question ID : **26433055693**
Status : **Answered**
Chosen Option : **1**

Q.43 Six students are sitting around a circular table facing the centre. Bobby is an immediate neighbour of both Aryan and Kusum. Simran is an immediate neighbour of both Asviya and Sheethal. Kusum is an immediate neighbour of both Bobby and Asviya. Sheethal is an immediate neighbour of both Aryan and Simran. Who is sitting third to the left of Sheethal?

Ans

✗ 1. Bobby

✗ 2. Asviya

✗ 3. Aryan

✓ 4. Kusum

Question ID : **26433056040**
Status : **Not Answered**
Chosen Option : **--**

Q.44 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Finger
2. Hand
3. Arm
4. Nail
5. Body

Ans

✓ 1. 4,1,2,3,5

✗ 2. 1,2,3,5,4

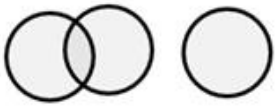
✗ 3. 1,2,3,4,5

✗ 4. 5,4,3,2,1

Question ID : **26433070316**
Status : **Answered**
Chosen Option : **1**

Q.45 Select the Venn diagram that best illustrates the relationship between the following classes.
Asia, India, Pakistan

Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433065944**
Status : **Answered**
Chosen Option : **2**

Q.46 If + means −, − means ×, × means ÷, and ÷ means +, what will be the value of the following expression?
20 ÷ 2 + 4 – 8 × 4 = ?

Ans
✔ 1. 14
✘ 2. 10
✘ 3. 8
✘ 4. 4

Question ID : **26433068612**
Status : **Answered**
Chosen Option : **1**

Q.47 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.
_ s t _ _ l b z _ t m m _ _ z s _ _ m l b

Ans
✘ 1. z m l s l b m t
✔ 2. z m m s l b t m
✘ 3. z m m s b l t m
✘ 4. z m m s l b m t

Question ID : **26433056787**
Status : **Answered**
Chosen Option : **2**

Q.48 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans
✔ 1. ROL
✘ 2. RUO
✘ 3. VYS
✘ 4. PSM

Question ID : **26433057217**
Status : **Answered**
Chosen Option : **1**

Q.49 Which letter cluster will replace the question mark (?) to complete the given series?
ZXVY, DXZY, ?, LXHY, PXLY

Ans
✘ 1. HYDY
✔ 2. HXDY
✘ 3. HDXY
✘ 4. HZDY

Question ID : **26433056235**
Status : **Answered**
Chosen Option : **2**

Q.50 **Select the set in which the numbers are related in the same way as are the numbers of the given sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(241, 230, 189)
(218, 250, 232)

Ans
✗ 1. (158, 194, 182)
✗ 2. (197, 233, 190)
✓ 3. (276, 260, 184)
✗ 4. (174, 212, 166)

Question ID : **26433057101**
Status : **Answered**
Chosen Option : **3**

Section : **General Knowledge and General Awareness**

Q.1 **Fugdi, a Goan folk dance performed in the Konkan region, is performed generally during which of the following Hindu religious festivals?**

Ans
✗ 1. Diwali
✗ 2. Holi
✗ 3. Durga Puja
✓ 4. Ganesh Chaturthi

Question ID : **26433090718**
Status : **Answered**
Chosen Option : **3**

Q.2 **Thaipusam festival is celebrated in which of the following Indian states?**

Ans
✗ 1. Kerala
✗ 2. Assam
✓ 3. Tamil Nadu
✗ 4. Arunachal Pradesh

Question ID : **26433064665**
Status : **Answered**
Chosen Option : **1**

Q.3 **Who founded the Asiatic Society of Bengal in 1784?**

Ans
✗ 1. Lord Macaulay
✓ 2. Sir William Jones
✗ 3. Lord Cornwallis
✗ 4. Warren Hastings

Question ID : **26433099213**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which of the following are the two popular folk dances of Gujarat performed during Navratri?**

Ans
✔ 1. Garba and Dandiya
✘ 2. Sword Dance and Aaleni-Haleni
✘ 3. Gheriya Nritya and Madari Dance
✘ 4. Aagva Nritya and Kaakda Nritya

Question ID : **26433054210**
Status : **Answered**
Chosen Option : **1**

Q.5 **Mallika Sarabhai was honoured by the _____ government with Chevalier des Palmes Academiques 2005.**

Ans
✔ 1. French
✘ 2. Canadian
✘ 3. Swiss
✘ 4. Belgian

Question ID : **26433054490**
Status : **Answered**
Chosen Option : **1**

Q.6 **Khelo India University Games – 2021 were hosted by _____.**

Ans
✘ 1. Kerala
✘ 2. Tamil Nadu
✘ 3. Telangana
✔ 4. Karnataka

Question ID : **26433054684**
Status : **Answered**
Chosen Option : **4**

Q.7 **In 1342, one of the nobles, Haji Ilyas Khan united Bengal and became its ruler under the title of _____and laid the foundation of the Ilyas Shah dynasty.**

Ans
✔ 1. Shamsh-ud-din Iliyas Shah
✘ 2. Ghiyasuddin Azam
✘ 3. Sultan Abu al-Mujahid
✘ 4. Sultan Sayf ad-Din

Question ID : **26433099214**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **What is the ratio by mass of nitrogen and hydrogen in ammonia?**

Ans
✘ 1. 11 : 1
✔ 2. 14 : 3
✘ 3. 11 : 3
✘ 4. 14 : 1

Question ID : **26433055757**
Status : **Answered**
Chosen Option : **4**

Q.9 In the Indian political system, the real executive power is vested in:

Ans
✗ 1. the Governor
✗ 2. the President
✗ 3. the Vice President
✓ 4. the Prime Minister and his Council of Ministers

Question ID : **26433069854**
Status : **Answered**
Chosen Option : **4**

Q.10 What is the approximate height (in metres) of the Qutub Minar situated in Delhi?

Ans
✗ 1. 75
✗ 2. 77
✓ 3. 73
✗ 4. 71

Question ID : **26433071489**
Status : **Answered**
Chosen Option : **2**

Q.11 Which of the following factors are responsible for railways having not developed much in the north-eastern parts of India?
1) Highly dissected topography
2) Dense forests
3) Low population density
4) Heavy rainfall and frequent flooding

Ans
✗ 1. 1, 2 and 3
✗ 2. Only 3 and 4
✗ 3. Only 2 and 3
✓ 4. 1, 2 and 4

Question ID : **26433092848**
Status : **Answered**
Chosen Option : **4**

Q.12 Which of the following is NOT a revenue receipt by the government?

Ans
✗ 1. Cash grants-in-aid from foreign countries and international organisations
✓ 2. Sale of government assets
✗ 3. Fees and other receipts for services rendered by the government
✗ 4. Dividends and profits on investments made by the government

Question ID : **26433064478**
Status : **Answered**
Chosen Option : **2**

Q.13 Read the given characteristic features of the Indian Desert. Which statement is NOT correct about the Indian Desert?

Ans
✓ 1. It receives 500 mm rainfall per year.
✗ 2. It has sand dunes.
✗ 3. It lies northwest of the Aravalli hills.
✗ 4. It is also known as Marusthali.

Question ID : **26433071618**
Status : **Answered**
Chosen Option : **1**

Q.14 The Sabri brothers, Aziz Warsi and Nusrat Fateh Ali Khan are associated with which singing style?

Ans
✔ 1. Qawwali
✘ 2. Shabad
✘ 3. Bhatiali
✘ 4. Bhajan

Question ID : **26433054382**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In 1785, who used the calibrated torsion balance to measure the force between electric charges?

Ans
✘ 1. RA Millikan
✘ 2. Hans Christian Oersted
✘ 3. John Michell
✔ 4. Charles Augustin Coulomb

Question ID : **26433055074**
Status : **Answered**
Chosen Option : **4**

Q.16 The Bankruptcy Legislative Reforms Committee (BLRC) was set up in which of the following years?

Ans
✘ 1. 2010
✘ 2. 2009
✔ 3. 2014
✘ 4. 2012

Question ID : **26433059319**
Status : **Answered**
Chosen Option : **3**

Q.17 The members of a family of an element that all have the same number of protons but different numbers of neutrons are called:

Ans
✔ 1. isotopes
✘ 2. isotrones
✘ 3. isobars
✘ 4. isotones

Question ID : **26433054021**
Status : **Answered**
Chosen Option : **3**

Q.18 Which of the following is a unitary feature of the Indian Constitution?

Ans
✘ 1. Distribution of Power
✘ 2. Written Constitution
✘ 3. Rigidity
✔ 4. Single Citizenship

Question ID : **26433055547**
Status : **Answered**
Chosen Option : **2**

Q.19 Mahavir Jayanti is a major festival of the _____.

Ans
✔ 1. Jains
✘ 2. Sikhs
✘ 3. Buddhists
✘ 4. Parsis

Question ID : **26433054222**
Status : **Answered**
Chosen Option : **1**

Q.20 Article 76 of the Constitution of India deals with the office of the:

Ans
✘ 1. Finance Commission
✘ 2. UPSC
✘ 3. Election Commission
✔ 4. Attorney General of India

Question ID : **26433069851**
Status : **Answered**
Chosen Option : **4**

Q.21 The cold snow forest climate is found largely in the continental region in the Northern Hemisphere between _____ northern latitudes in Europe, Asia and North America

Ans
✔ 1. 40°-70°
✘ 2. 30°-50°
✘ 3. 80°-110°
✘ 4. 15°-20°

Question ID : **26433055822**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following is NOT a tributary of the Krishna river?

Ans
✘ 1. Koyna
✔ 2. Veena
✘ 3. Ghataprabha
✘ 4. Panchganga

Question ID : **26433067196**
Status : **Answered**
Chosen Option : **4**

Q.23 Which of the following festivals is celebrated in Jharkhand during the spring season when the saal trees wear new leaves?

Ans
✘ 1. Karam
✔ 2. Sarhul
✘ 3. Jawa
✘ 4. Sohrai

Question ID : **26433054225**
Status : **Answered**
Chosen Option : **2**

Q.24 **Annapurna Devi, who was awarded the Padma Bhushan, was a famous player of which of the following instruments?**

Ans
✗ 1. Sarod
✗ 2. Santoor
✗ 3. Veena
✓ 4. Surbahar

Question ID : **26433055389**
Status : **Answered**
Chosen Option : **3**

Q.25 **What is the reason behind most people working in the agricultural sector?**

Ans
✗ 1. People get higher returns in agriculture
✗ 2. Due to political pressure
✓ 3. Other sectors do not absorb people from agriculture
✗ 4. Most of the people are interested in working in agriculture

Question ID : **26433054640**
Status : **Answered**
Chosen Option : **3**

Q.26 **Who founded the city of Agra?**

Ans
✗ 1. Babur
✗ 2. Akbar
✗ 3. Raja Bhoj
✓ 4. Sikandar Lodī

Question ID : **26433082059**
Status : **Answered**
Chosen Option : **4**

Q.27 **Who was credited with discovering the hydrogen isotope, or heavy hydrogen, for which he later received the 1934 Nobel Prize in Chemistry?**

Ans
✗ 1. Francis William Aston
✗ 2. Glenn Theodore Seaborg
✓ 3. Harold C Urey
✗ 4. Fritz Haber

Question ID : **26433055770**
Status : **Answered**
Chosen Option : **1**

Q.28 **In which of the following battles, did the founder of the Mughal Empire, Babur, use cannon and ammunition effectively for the first time in India?**

Ans
✗ 1. Battle of Chanderi
✓ 2. First Battle of Panipat
✗ 3. Battle of Khanwa
✗ 4. Battle of Ghaghra

Question ID : **26433054202**
Status : **Answered**
Chosen Option : **2**

Q.29 **In which of the following countries was the 1979 Asian Wrestling Championships organised by the Asian Associated Wrestling Committee (AAWC) for the first time?**

Ans
✗ 1. Lahore, Pakistan
✗ 2. Oarai, Japan
✓ 3. Jalandhar, India
✗ 4. Tehran, Iran

Question ID : **26433059417**
Status : **Answered**
Chosen Option : **3**

Q.30 **Who among the following was a famous sitar player?**

Ans
✗ 1. Zakir Hussain
✗ 2. Hari Prasad Chaurasia
✗ 3. Raja Khan
✓ 4. Nikhil Banerjee

Question ID : **26433054404**
Status : **Marked For Review**
Chosen Option : **3**

Q.31 **Which of the following is odourless, tasteless and non-toxic, and is made up of 93.05% methane, nitrogen, carbon dioxide, propane and traces of ethane?**

Ans
✗ 1. LPG
✗ 2. Chlorine
✓ 3. CNG
✗ 4. Gobar gas

Question ID : **26433054906**
Status : **Answered**
Chosen Option : **4**

Q.32 **Which thin flexible barrier separates the internal environment of the cell from the extracellular fluid?**

Ans
✗ 1. Cytoplasmic membrane
✗ 2. Restriction barrier
✗ 3. Nuclear envelope
✓ 4. Plasma membrane

Question ID : **26433055115**
Status : **Answered**
Chosen Option : **3**

Q.33 **Which state shows the highest literacy rate, according to Census of India 2011?**

Ans
✗ 1. Maharashtra
✗ 2. Karnataka
✗ 3. Mizoram
✓ 4. Kerala

Question ID : **26433069790**
Status : **Answered**
Chosen Option : **4**

Q.34 How many times has India won gold in men's hockey at the Olympics?

Ans
- ✔ 1. Eight
- ✘ 2. Six
- ✘ 3. Five
- ✘ 4. Four

Question ID : **26433054657**
Status : **Answered**
Chosen Option : **3**

Q.35 The study of the structure, evolution and dynamics of Earth and its natural mineral and energy resources is called:

Ans
- ✘ 1. geophysics
- ✔ 2. geology
- ✘ 3. geography
- ✘ 4. geometry

Question ID : **26433054058**
Status : **Answered**
Chosen Option : **2**

Q.36 In which town The Supreme Court was established for the First time under the Regulating Act of 1773?

Ans
- ✘ 1. Madras
- ✘ 2. Assam
- ✔ 3. Calcutta
- ✘ 4. New Delhi

Question ID : **26433099224**
Status : **Answered**
Chosen Option : **3**

Q.37 One of the _____, the giant redwood tree Sequoia is one of the tallest tree species.

Ans
- ✘ 1. mosses
- ✘ 2. pteridophytes
- ✘ 3. liverworts
- ✔ 4. gymnosperms

Question ID : **26433055095**
Status : **Not Answered**
Chosen Option : **--**

Q.38 Fundamental Rights are protected and guaranteed by the ____ of the country.

Ans
- ✘ 1. government
- ✔ 2. constitution
- ✘ 3. customs or usage
- ✘ 4. panchayats

Question ID : **26433071370**
Status : **Answered**
Chosen Option : **2**

Q.39 Who among the following cricketers was the highest run scorer in the T20 Men's World Cup Cricket 2021?

Ans
✗ 1. Virat Kohli
✗ 2. Josh Butler
✗ 3. Rohit Sharma
✓ 4. Babar Azam

Question ID : **26433071374**
Status : **Answered**
Chosen Option : **4**

Q.40 Who was the Prime Minister when Right to Property was scrapped as a Fundamental Right?

Ans
✗ 1. Charan Singh
✗ 2. Indira Gandhi
✓ 3. Morarji Desai
✗ 4. Jawaharlal Nehru

Question ID : **26433071654**
Status : **Answered**
Chosen Option : **3**

Q.41 Nuts, vegetable oil and fish are rich sources of _____.

Ans
✓ 1. Omega-3
✗ 2. carbohydrates
✗ 3. minerals
✗ 4. vitamins

Question ID : **26433054918**
Status : **Answered**
Chosen Option : **4**

Q.42 Which of the following equation of motion is correct?
I. $v = (u/2) + at$
II. $s = 2ut + at^2$

Ans
✗ 1. Only I
✓ 2. Neither I nor II
✗ 3. Only II
✗ 4. Both I and II

Question ID : **26433055072**
Status : **Answered**
Chosen Option : **2**

Q.43 The Anushilan Samiti was active in which part of the Indian subcontinent in the 20^{th} century?

Ans
✗ 1. Madras
✓ 2. Bengal
✗ 3. Punjab
✗ 4. Bombay

Question ID : **26433055639**
Status : **Answered**
Chosen Option : **2**

Q.44 **Which Bahmani ruler granted the title of 'Chief of the Merchants' or Malikut-Tujjar to Mahmud Gawan?**

Ans
✔ 1. Humayun Shah
✘ 2. Alauddin Hasan Bahman Shah
✘ 3. Muhammmad Shah
✘ 4. Feroz Shah

Question ID : **26433054287**
Status : **Answered**
Chosen Option : **3**

Q.45 **"There are holes or 'pores', all over the body. They are commonly called sponges, and are mainly found in marine habitats."**
The above statement signifies which of the following phylum?

Ans
✔ 1. Porifera
✘ 2. Ctenophora
✘ 3. Platyhelminthes
✘ 4. Annelida

Question ID : **26433055093**
Status : **Not Answered**
Chosen Option : **--**

Q.46 **Constitution Review Commission chaired by _____ recommended some initiatives to be taken by the government for successful implementation of Fundamental Duties.**

Ans
✘ 1. PK Joshi
✔ 2. MN Venkatachaliah
✘ 3. UC Banerjee
✘ 4. Michael G Aguinaldo

Question ID : **26433069870**
Status : **Answered**
Chosen Option : **3**

Q.47 **What is NOT a goal of Five-Year Plans?**

Ans
✔ 1. High Population Growth
✘ 2. High GDP Growth
✘ 3. Equal benefits to all the people
✘ 4. Self- Reliance

Question ID : **26433054592**
Status : **Answered**
Chosen Option : **1**

Q.48 **Fusion of two gametes dissimilar in size, as in species of Eudorina is termed as _____.**

Ans
✔ 1. anisogamous
✘ 2. oogamous
✘ 3. zoogamous
✘ 4. isogamous

Question ID : **26433055097**
Status : **Answered**
Chosen Option : **4**

Q.49 **According to the 2011 census, which Indian state has the highest sex ratio?**

Ans

✗ 1. Tamil Nadu

✗ 2. Manipur

✓ 3. Kerala

✗ 4. Meghalaya

Question ID : **26433069786**
Status : **Answered**
Chosen Option : **3**

Q.50 **Which is NOT correct about India's Prime Minister?**

Ans

✗ 1. He is the head of the government.

✗ 2. He is the leader of the majority party in Lok Sabha.

✓ 3. He can be removed if a no confidence motion is passed by both the Houses of Parliament with 2/3rd majority.

✗ 4. He is appointed by the President of India.

Question ID : **26433054090**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 **A cone-shaped storage tank's height and radius are 9 and 7 feet, respectively. Determine how much liquid the tank can contain. (Take π = 3.14)**

Ans

✗ 1. 471 cubic feet

✗ 2. 450 cubic feet

✗ 3. 435.32 cubic feet

✓ 4. 461.58 cubic feet

Question ID : **26433061445**
Status : **Answered**
Chosen Option : **4**

Q.2 The following pie chart shows the population of 7 villages.



If the total population of all the villages together is 50,000, what is the population of village D?

Ans

✗ 1. 10000

✗ 2. 9000

✓ 3. 8500

✗ 4. 9500

Question ID : **26433079790**
Status : **Answered**
Chosen Option : **3**

Q.3 Study the given table and answer the question that follows.

The distance travelled by two online-delivery employees during a week.

Day	Distance travelled (in km)	
	First	Second
Monday	200	250
Tuesday	300	400
Wednesday	200	350
Thursday	150	250
Friday	250	350
Saturday	350	100

Find the ratio of the total distance covered by the first employee during first three days and the last three days by the second employee.

Ans

✗ 1. 2 : 1

✓ 2. 1 : 1

✗ 3. 1 : 2

✗ 4. 3 : 1

Question ID : **26433075445**
Status : **Answered**
Chosen Option : **2**

Q.4 **The ratio of the third proportional to 16 & 40 and the mean proportional between 10 & 40 is:**

Ans

✓ 1. 5 : 1

✗ 2. 1 : 5

✗ 3. 4 : 1

✗ 4. 1 : 4

Question ID : **26433071281**
Status : **Answered**
Chosen Option : **1**

Q.5 **If cos A = $\sin^2 A$, and a $\sin^{12} A$ + b $\sin^{10} A$ + c $\sin^8 A$ + $\sin^6 A$ = 1, then a + b + c = ?**

Ans

✓ 1. 7

✗ 2. 8

✗ 3. 9

✗ 4. 6

Question ID : **26433066185**
Status : **Answered**
Chosen Option : **2**

Q.6 **If a man goes from place A to B at a speed of 12 km/h and return at a speed of 18 km/h, then the average speed for the whole journey is:**

Ans

✗ 1. 6 km/h

✗ 2. 30 km/h

✓ 3. $14\frac{2}{5}$ km/h

✗ 4. 15 km/h

Question ID : **26433056870**
Status : **Answered**
Chosen Option : **3**

Q.7 Ravi buys salt at ₹16 per kg and sells it at ₹18 per kg. He also uses the weight of 900 gm instead of 1000 gm. What is Ravi's actual profit percentage?

Ans
✗ 1. 23%
✗ 2. 20%
✗ 3. $23\frac{11}{18}\%$
✓ 4. 25%

Question ID : **26433061662**
Status : **Answered**
Chosen Option : **4**

Q.8 What is the length of the longest rod that can be placed in a room of dimensions 12 m × 9 m × 8 m?

Ans
✗ 1. 15 m
✓ 2. 17 m
✗ 3. 16 m
✗ 4. 14 m

Question ID : **26433061356**
Status : **Answered**
Chosen Option : **2**

Q.9 The speeds of A and B are in the ratio 3 : 5. A takes 30 minutes more than B to reach the destination. In how much time does A reach the destination?

Ans
✓ 1. 1 hour 15 minutes
✗ 2. 1 hour 10 minutes
✗ 3. 1 hour
✗ 4. 1 hour 5 minutes

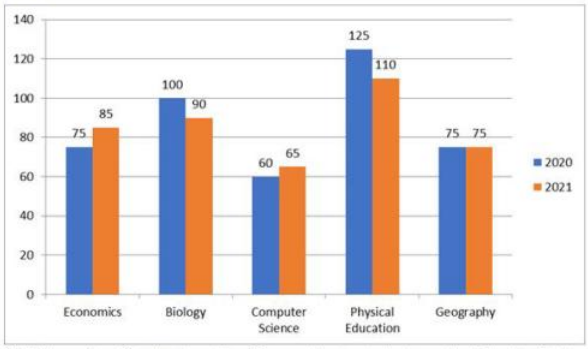
Question ID : **26433063950**
Status : **Answered**
Chosen Option : **1**

Q.10 A shopkeeper claims to sell his articles at ₹20 per kg which cost him ₹23 per kg. But while selling, he uses a false weight and gives only 800 gm instead of 1 kg. What is his profit percentage?

Ans
✗ 1. $8\frac{17}{23}\%$
✓ 2. $8\frac{16}{23}\%$
✗ 3. $8\frac{14}{23}\%$
✗ 4. $8\frac{15}{23}\%$

Question ID : **26433063399**
Status : **Answered**
Chosen Option : **2**

Q.11 The following bar diagram shows the number of students who opted for the different subjects in the year 2020 and 2021.



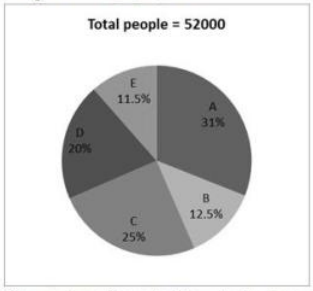
Find the ratio of students opting Economics to students opting Physical Education in 2020.

Ans

1. 3 : 7
2. 3 : 5
3. 5 : 9
4. 5 : 7

Question ID : **26433076416**
Status : **Answered**
Chosen Option : **2**

Q.12 The given pie chart represents the percentage of people in a city who are interested to buy the laptop of five different companies – A, B, C, D and E.



The number of people interested to buy company A's laptop is what percentage of the number of people interested to buy company D's laptop?

Ans

1. 135
2. 125
3. 150
4. 155

Question ID : **26433073104**
Status : **Answered**
Chosen Option : **4**

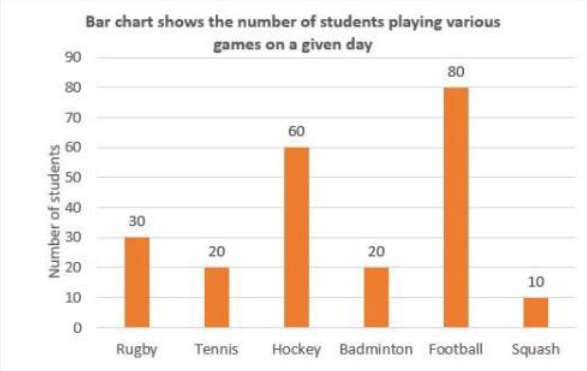
Q.13 If the 9-digit number 97x4562y8 is divisible by 88, what is the value of $(x^2 + y^2)$ for the smallest value of y, given that x and y are natural numbers?

Ans

1. 64
2. 68
3. 76
4. 80

Question ID : **26433061880**
Status : **Answered**
Chosen Option : **4**

Q.14 The following bar chart shows the number of students playing various games on a given day. Study the bar chart carefully and answer the question that follows.



The average the number of students playing rugby, hockey, badminton and squash is what percentage of the average number of students playing tennis and football?

Ans

✔ 1. 60 Percent

✗ 2. 30 Percent

✗ 3. 50 Percent

✗ 4. 45 Percent

Question ID : **26433063252**
Status : **Answered**
Chosen Option : **1**

Q.15 **A hall of 10 m length, 5 m width and 6 m height is to be painted (one side only). Determine the total surface area to be painted. (neglect the area of windows and doors)(floor area is NOT to be painted)**

Ans

✗ 1. 300 m^2

✗ 2. 280 m^2

✗ 3. 330 m^2

✔ 4. 230 m^2

Question ID : **26433071356**
Status : **Answered**
Chosen Option : **4**

Q.16 Simplify.

$$\cos(36^\circ - A)\cos(36^\circ + A) + \cos(54^\circ - A)\cos(54^\circ + A)$$

Ans

✗ 1. cos A

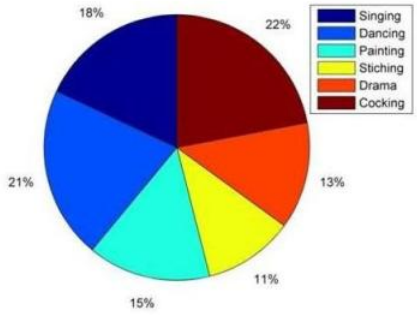
✗ 2. sin 2A

✔ 3. cos 2A

✗ 4. sin A

Question ID : **26433058930**
Status : **Answered**
Chosen Option : **3**

Q.17 The given pie chart shows the percentage of students who enrolled in different hobby classes in a school. The number of students who enrolled in cooking classes is what percentage of those enrolled in dancing classes? (Rounded off to 2 digits after decimal)



Ans

✗ 1. 92.65%

✗ 2. 125.25%

✗ 3. 105.56%

✓ 4. 104.76%

Question ID : **26433074246**
Status : **Answered**
Chosen Option : **4**

Q.18 **The average height of three kids is 56 cm and their heights are in the proportion of 7 : 8 : 9. Find the heights of all the three.**

Ans

✗ 1. 42 cm, 48 cm, 54 cm

✗ 2. 56 cm, 64 cm, 72 cm

✗ 3. 35 cm, 40 cm, 45 cm

✓ 4. 49 cm, 56 cm, 63 cm

Question ID : **26433074267**
Status : **Answered**
Chosen Option : **4**

Q.19 **P and Q can do a piece of work in 14 days. Q and R together can do it in 21 days. If P is twice as good a workman as R, then in how many days Q alone can do the work?**

Ans

✓ 1. 42 days

✗ 2. 40 days

✗ 3. 35 days

✗ 4. 38 days

Question ID : **26433074941**
Status : **Answered**
Chosen Option : **1**

Q.20 **Rajkumar decides to sell his watch at a discount of 5%. However, his brother purchases it from him and receives an 8% discount. Raj loses Rs.45 in profit as a result of this. What was the watch's marked price?**

Ans

✓ 1. Rs.1,500

✗ 2. Rs.1,410

✗ 3. Rs.1,430

✗ 4. Rs.1,560

Question ID : **26433057132**
Status : **Answered**
Chosen Option : **1**

Q.21 **A man spends 65% of his income. His income increases by 20% and his expenditure also increases by 10%. The percentage of increase in his savings is _____.**

Ans

✔ 1. 38.5%

✘ 2. 35.8%

✘ 3. 10%

✘ 4. 20%

Question ID : **26433061197**
Status : **Answered**
Chosen Option : **1**

Q.22 If the arc of a circle of radius 30 cm has a length of 19 cm, then the angle (in degrees, rounded off to two decimal places) subtended at the centre of the circle is:

Take $\pi = \frac{22}{7}$

Ans

✘ 1. 51.25

✘ 2. 16.27

✔ 3. 36.27

✘ 4. 46.25

Question ID : **26433076056**
Status : **Answered**
Chosen Option : **3**

Q.23 **If a + b = 10 and ab = 9, then the value of a – b is:**

Ans

✘ 1. 7

✘ 2. 5

✔ 3. 8

✘ 4. 6

Question ID : **26433061375**
Status : **Answered**
Chosen Option : **3**

Q.24 **Due to fall in manpower, the production in a company decreases by 35%. By what percentage should the working hours be increased to restore the original production?**

Ans

✘ 1. 58.35%

✘ 2. 55.83%

✔ 3. 53.85%

✘ 4. 55.38%

Question ID : **26433065056**
Status : **Answered**
Chosen Option : **3**

Q.25 If a, b and c are positive integers such that $a^2 + b^2 = 82$ and $b^2 + c^2 = 65$, then the value of $2a + 7b - 3c$ is:

Ans

✘ 1. 2

✘ 2. 5

✘ 3. 49

✔ 4. 1

Question ID : **26433099294**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.26 Two trains with a speed of 80 km/h and 120 km/h, respectively, are 500 km apart and face each other. Find the distance between them 10 minutes before crossing.

Ans

✗ 1. 72.33 km

✓ 2. 33.33 km

✗ 3. 63.33 km

✗ 4. 52.74 km

Question ID : **26433061165**
Status : **Answered**
Chosen Option : **2**

Q.27 Evaluate $\frac{sin54^\circ}{cos36^\circ} + \frac{sec46^\circ}{cosec44^\circ}$

Ans

✗ 1. 0

✗ 2. -1

✓ 3. 2

✗ 4. 1

Question ID : **26433058433**
Status : **Answered**
Chosen Option : **3**

Q.28 In a race of 1200 m, Ram can beat Shyam by 200 m or by 20 sec. What must be the speed of Ram?

Ans

✗ 1. 14 m/sec

✓ 2. 12 m/sec

✗ 3. 10 m/sec

✗ 4. 16 m/sec

Question ID : **26433061416**
Status : **Answered**
Chosen Option : **3**

Q.29 If the sum of the diagonals of a rhombus is L and the perimeter is 4P, find the area of the rhombus?

Ans

✗ 1. $\frac{1}{4}(L^2 - P^2)$

✓ 2. $\frac{1}{4}(L^2 - 4P^2)$

✗ 3. $\frac{1}{2}(L^2 - 4P^2)$

✗ 4. $\frac{1}{4}(L^2 + 3P^2)$

Question ID : **26433061175**
Status : **Answered**
Chosen Option : **2**

Q.30 Find the least value of p so that 246p48 is divisible by 8.

Ans

✗ 1. 2

✗ 2. 1

✗ 3. 4

✓ 4. 0

Question ID : **26433063838**
Status : **Answered**
Chosen Option : **4**

Q.31 **Find the HCF of 69, 96 and 99.**

Ans

✔ 1. 3

✗ 2. 9

✗ 3. 1

✗ 4. 6

Question ID : **26433065030**
Status : **Answered**
Chosen Option : **1**

Q.32 **The income of Raju is 25% more than that of Manju. Raju got a 25% rise in his income, and Manju got a 40% rise in his income, the percentage increase in their combined incomes is:**

Ans

✗ 1. 51.72%

✔ 2. 31.67%

✗ 3. 22.43%

✗ 4. 41.26%

Question ID : **26433061138**
Status : **Answered**
Chosen Option : **2**

Q.33 Refer to the following table. Read the table and answer the question. Food grain Production in a country in 1999. (in lakh tons)

State	Rice	Wheat	Jowar	Pulses	Other
P	55	113	---	37	39
Q	58	96	83	29	25
R	69	42	77	24	41
S	51	47	69	31	25
T	47	32	51	23	21
U	78	25	22	---	28
V	67	18	17	22	20
W	48	38	41	32	55

What was the proportion of rice production to wheat production in the country?

Ans

✗ 1. 411 : 422

✔ 2. 473 : 411

✗ 3. 418 : 422

✗ 4. 322 : 311

Question ID : **26433074232**
Status : **Answered**
Chosen Option : **2**

Q.34 **Due to pandemic, the population of a city reduces at the rate of 2% per annum. What will be its total population after 2 years if the present population of the city is 45,000?**

Ans

✗ 1. 40538

✗ 2. 44521

✗ 3. 41568

✔ 4. 43218

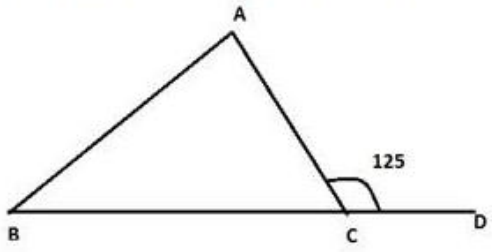
Question ID : **26433063792**
Status : **Answered**
Chosen Option : **4**

Q.35 If $x(x-5) = -1$, then the value of $x^3(x^3 - 110) = ?$

Ans
✗ 1. 0
✓ 2. −1
✗ 3. 1
✗ 4. 2

Question ID : **26433066343**
Status : **Answered**
Chosen Option : **2**

Q.36 If in ΔABC, $AB = AC$ and $\angle ACD = 125°$, then $\angle BAC$ is:



Ans
✗ 1. 75°
✗ 2. 55°
✗ 3. 60°
✓ 4. 70°

Question ID : **26433058921**
Status : **Answered**
Chosen Option : **4**

Q.37 **A cylindrical tank of capacity 64π litres has equal height and radius. What would be the radius of the cylinder?**
(1 litre = 1000 cm^3)

Ans
✗ 1. 5 cm
✓ 2. 40 cm
✗ 3. 50 cm
✗ 4. 4 cm

Question ID : **26433071354**
Status : **Answered**
Chosen Option : **2**

Q.38 **A supermarket offers the following discount schemes for buyers.**
I. Two successive discounts of 25% and 15%
II. Successive discount of 35% and 5%
III. A discount of 38%
Which offer is better for the customer?

Ans
✗ 1. Either I or III
✗ 2. Only I
✓ 3. Only II
✗ 4. Only III

Question ID : **26433074961**
Status : **Answered**
Chosen Option : **3**

Q.39 The following table shows the data of different colleges whose students participated in the Olympiad.

Subjects	College A	College B	College C	College D	College E
Hindi	110	100	125	103	112
English	98	120	80	122	105
Maths	130	110	250	160	180
Science	100	100	150	200	80
GK	182	200	120	130	183

What is the percentage increase in the number of students who participated in the GK Olympiad to those who participated in the Science Olympiad from all colleges? (Correct to two decimals places.)

Ans
✔ 1. 29.37%
✘ 2. 29.89%
✘ 3. 29.74%
✘ 4. 29.01%

Question ID : **26433073155**
Status : **Answered**
Chosen Option : **1**

Q.40 **Find the LCM of 28 and 92.**

Ans
✘ 1. 464
✔ 2. 644
✘ 3. 161
✘ 4. 322

Question ID : **26433065035**
Status : **Answered**
Chosen Option : **2**

Q.41 **Two circles touch each other externally. The radius of the first circle with centre A is 18cm. The radius of the second circle with centre B is 8cm.Find the length of their common tangent CD.**

Ans
✘ 1. 23 cm
✘ 2. 26 cm
✔ 3. 24 cm
✘ 4. 25 cm

Question ID : **26433061759**
Status : **Answered**
Chosen Option : **3**

Q.42 If $r = 55$, then the value of $r(r^2 + 3r + 3)$ is:

Ans
✘ 1. 105000
✘ 2. 176615
✘ 3. 175616
✔ 4. 175615

Question ID : **26433066272**
Status : **Answered**
Chosen Option : **2**

Q.43 **A group of men committed to completing a task in 20 days. The work was completed in 40 days because 5 workers did not come for work. Determine the number of men who originally agreed to do the work.**

Ans

✗ 1. 15

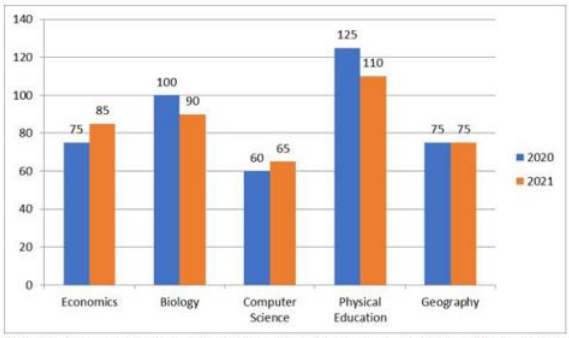
✓ 2. 10

✗ 3. 12

✗ 4. 18

Question ID : **26433065298**
Status : **Answered**
Chosen Option : **2**

Q.44 The following bar diagram shows the number of students who opted for the different subjects in the year 2020 and 2021.



What is the sum of the total number of students who opted for different subjects in 2020 and only Geography in 2021?

Ans

✗ 1. 345

✓ 2. 510

✗ 3. 150

✗ 4. 435

Question ID : **26433076417**
Status : **Answered**
Chosen Option : **2**

Q.45 **Ramu had to select a list of numbers between 1 and 1000 (including both), which are divisible by both 2 and 7. How many such numbers are there?**

Ans

✗ 1. 142

✓ 2. 71

✗ 3. 97

✗ 4. 642

Question ID : **26433061300**
Status : **Answered**
Chosen Option : **2**

Q.46 The value of $\left[1\frac{2}{7}\times\left\{3\frac{1}{2}\div\left(\frac{1}{2}-\frac{1}{7}\right)\right\}\right]\div\left(4\frac{1}{5}\times 1\frac{1}{2}\right)$ is:

Ans

✗ 1. $\frac{1}{3}$

✗ 2. $\frac{3}{4}$

✓ 3. 2

✗ 4. 1

Question ID : **26433064876**
Status : **Answered**
Chosen Option : **3**

Q.47 The third proportional of 0.024 and 0.12 is:

Ans

✗ 1. 0.060

✗ 2. 6.000

✓ 3. 0.600

✗ 4. 0.006

Question ID : **26433062640**
Status : **Answered**
Chosen Option : **3**

Q.48 If 4 Cos θ + 3 Sin θ = x and 4 Sin θ − 3 Cos θ = y, find the value of $x^2 + y^2$.

Ans

✗ 1. 16

✗ 2. 9

✓ 3. 25

✗ 4. 1

Question ID : **26433061764**
Status : **Answered**
Chosen Option : **3**

Q.49 Find the value of the following expression.

$$\frac{\left[\frac{5}{8} - \left\{\frac{3}{8} - \left(\frac{5}{8} - \frac{3}{8}\right)\right\}\right] \text{ of } 8.8 - 1.2}{4\frac{1}{6} \div 2.5 \times 2 \div \frac{1}{6} \text{ of } 60 + \left(\frac{3}{4} - \frac{3}{8}\right)}$$

Ans

✗ 1. $5\frac{22}{43}$

✗ 2. $3\frac{23}{67}$

✓ 3. $4\frac{44}{85}$

✗ 4. $4\frac{4}{5}$

Question ID : **26433063189**
Status : **Marked For Review**
Chosen Option : **3**

Q.50 The sum of the odd divisors of 216 is:

Ans

✗ 1. 16

✗ 2. 14

✓ 3. 40

✗ 4. 600

Question ID : **26433061610**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Select the most appropriate meaning of the given idiom.**
Get on like a house on fire

Ans
✗ 1. Like someone immediately
✓ 2. Get on extremely well with someone
✗ 3. Feel a lot of affection for one particular person, often without knowing why
✗ 4. Do something good for someone you have done something bad to in the past

Question ID : **26433060462**
Status : **Answered**
Chosen Option : **1**

Q.2 **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'.**

His last trip around the world <u>taking a toll</u> on his health.

Ans
✓ 1. took a toll
✗ 2. taken a toll
✗ 3. No substitution required
✗ 4. take a toll

Question ID : **26433060062**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate meaning of the given idiom.**

Against the clock

Ans
✗ 1. Running faster with a clock in hand
✓ 2. In a great hurry, as fast as possible
✗ 3. Running faster without a clock
✗ 4. Race with others to win

Question ID : **26433073205**
Status : **Answered**
Chosen Option : **2**

Q.4 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**
The knight was received / compliments from the king / for his bravery.

Ans
✗ 1. No error
✗ 2. for his bravery
✗ 3. compliments from the king
✓ 4. The knight was received

Question ID : **26433059062**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the option that can be used as a one-word substitute for the given group of words/phrase.**

Rarely; not often

Ans
✗ 1. habitually
✓ 2. seldom
✗ 3. frequently
✗ 4. routinely

Question ID : **26433059780**
Status : **Answered**
Chosen Option : **2**

Q.6 **Identify the INCORRECTLY spelt word in the given sentence.**
Sharks often use their serated or smooth teeth for seizing prey, cutting or crushing.

Ans
✓ 1. serated
✗ 2. prey
✗ 3. seizing
✗ 4. crushing

Question ID : **26433059973**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the most appropriate synonym of the underlined word in the given sentence.**
He wanted to buy some books, but his purse did not permit that.

Ans
✗ 1. warrant
✗ 2. patent
✓ 3. grant
✗ 4. tolerate

Question ID : **26433058588**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate ANTONYM of the given word.**
Utilitarian

Ans
✗ 1. Evident
✗ 2. Necessary
✗ 3. Spacious
✓ 4. Unnecessary

Question ID : **26433066096**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the most appropriate meaning of the given idiom.**
Get a second wind

Ans
✗ 1. To retell the same story
✓ 2. To have renewed energy
✗ 3. To commit the same mistake
✗ 4. To get a second chance

Question ID : **26433059537**
Status : **Answered**
Chosen Option : **4**

Q.10 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Diarrhoea
✗ 2. Pseudonym
✓ 3. Connoiseur
✗ 4. Perseverance

Question ID : **26433065142**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the INCORRECTLY spelt word.**

Ans
✓ 1. Intermenable
✗ 2. Intubate
✗ 3. Incredible
✗ 4. Incredulous

Question ID : **26433060477**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the option that can be used as a one-word substitute for the given group of words.**
So delicate or precise as to be difficult to analyse or describe

Ans
✗ 1. Suitable
✓ 2. Subtle
✗ 3. Complex
✗ 4. Anagram

Question ID : **26433060735**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Assembly
✓ 2. Disipline
✗ 3. Group
✗ 4. Leader

Question ID : **26433060424**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the most appropriate synonym of the given word.**

Revoke

Ans
✗ 1. Sustain
✗ 2. Repeat
✗ 3. Regret
✓ 4. Repeal

Question ID : **26433055859**
Status : **Answered**
Chosen Option : **4**

Q.15 **Select the most appropriate idiom for the sentence given below.**

The detective suspected Shyam because of his odd behaviour while investing in the scam.

Ans

✗ 1. To hang fire

✗ 2. To bite the dust

✗ 3. A dog in the manger

✓ 4. To smell a rat

Question ID : **26433088654**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Football fans <u>are feeling proud of their teams</u> when they win.

Ans

✗ 1. felt proud to their teams

✓ 2. feel proud of their teams

✗ 3. are feel to proud of their teams

✗ 4. feeling proud of their teams

Question ID : **26433060278**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the most appropriate synonym to replace the italicised word.**
Sneha opened the cupboards and glanced over her *meagre* supply of canned goods.

Ans

✗ 1. surplus

✗ 2. plenteous

✗ 3. bountiful

✓ 4. scanty

Question ID : **26433059756**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the INCORRECTLY spelt word.**

Ans

✓ 1. Fluorecence

✗ 2. Forebear

✗ 3. Forgo

✗ 4. Flounder

Question ID : **26433060479**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the option that can be used as a one-word substitute for the given group of words.**

A person who regards the whole world as his country

Ans
✗ 1. Convalescent
✗ 2. Countryman
✗ 3. Metropolitan
✓ 4. Cosmopolitan

Question ID : **26433059709**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the most appropriate ANTONYM of the underlined word.**

The owner <u>underestimated</u> the damage caused to the walls of the apartment.

Ans
✗ 1. Calculated
✗ 2. Charged
✗ 3. Misled
✓ 4. Exaggerated

Question ID : **26433089002**
Status : **Answered**
Chosen Option : **4**

Q.21 **Select the most appropriate synonym of the given word.**
Preposterous

Ans
✗ 1. Flashy
✓ 2. Outrageous
✗ 3. Dreamy
✗ 4. Imaginative

Question ID : **26433059135**
Status : **Answered**
Chosen Option : **4**

Q.22 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

The helicopter of the enemies / hovered exact / over their bunker.

Ans
✗ 1. No error
✓ 2. hovered exact
✗ 3. The helicopter of the enemies
✗ 4. over their bunker.

Question ID : **26433060126**
Status : **Answered**
Chosen Option : **2**

Q.23 **Select the most appropriate meaning of the given idiom.**
So far so good

Ans
✗ 1. Not impressed with how things are
✓ 2. Things are going well so far
✗ 3. No improvement in the work being done
✗ 4. Good things can go far away

Question ID : **26433060414**
Status : **Answered**
Chosen Option : **2**

Q.24 **Select the most appropriate synonym of the given word.**
Promote

Ans
✗ 1. Discourage
✗ 2. Delay
✓ 3. Boost
✗ 4. Block

Question ID : **26433059789**
Status : **Answered**
Chosen Option : **3**

Q.25 **Select the most appropriate ANTONYM of the capitalised word in the given sentence.**

The lunch menu includes some TEMPTING vegetarian offerings.

Ans
✓ 1. Repelling
✗ 2. Seductive
✗ 3. Enticing
✗ 4. Tantalising

Question ID : **26433088215**
Status : **Answered**
Chosen Option : **1**

Q.26 **Select the most appropriate meaning of the given idiom.**
Hang in there

Ans
✗ 1. To remain unresolved
✗ 2. To give up completely
✗ 3. To spend time with people
✓ 4. To persist in a difficult situation

Question ID : **26433059524**
Status : **Answered**
Chosen Option : **4**

Q.27 **Select the most appropriate meaning of the given idiom.**
Left, right and centre

Ans
✗ 1. To have been happening for a long time and there is a lot of activity
✓ 2. Happening in a lot of places or to a lot of people
✗ 3. Start well
✗ 4. The news went from one person to the next

Question ID : **26433060465**
Status : **Answered**
Chosen Option : **2**

Q.28 **Select the most appropriate meaning of the given idiom.**
Spill the beans

Ans
✗ 1. Reveal a plan
✗ 2. Reveal a crime
✓ 3. Reveal a secret
✗ 4. Reveal a mystery

Question ID : **26433058597**
Status : **Answered**
Chosen Option : **3**

Q.29 **Select the option that can be used as a one-word substitute for the given group of words.**
Try hard to do or achieve something

Ans
✗ 1. Endanger
✗ 2. Hardworking
✓ 3. Endeavour
✗ 4. Indent

Question ID : **26433060733**
Status : **Answered**
Chosen Option : **2**

Q.30 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
He is <u>waiting upon</u> you in the compound.

Ans
✗ 1. waiting on
✗ 2. waiting at
✓ 3. waiting for
✗ 4. waiting up

Question ID : **26433059677**
Status : **Answered**
Chosen Option : **3**

Q.31 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**
Fortunately, he passed the exams / with dint of / sheer hard work and diligence.

Ans
✗ 1. sheer hard work and diligence
✓ 2. with dint of
✗ 3. No error
✗ 4. Fortunately, he passed the exams

Question ID : **26433060149**
Status : **Answered**
Chosen Option : **2**

Q.32 **Select the most appropriate meaning of the underlined idiom in the following sentence.**

Nine times out of ten, he tells lies.

Ans
1. All the time
2. Hardly
3. In most cases
4. Sometimes

Question ID : **26433072514**
Status : **Answered**
Chosen Option : **3**

Q.33 **Select the most appropriate option that can substitute the underlined segment in the given sentence**
The child felt down from a great height.

Ans
1. child fallen down
2. child fall down
3. child fell down
4. child falling down

Question ID : **26433059671**
Status : **Answered**
Chosen Option : **1**

Q.34 **Select the most appropriate ANTONYM of the given word.**

Uncanny

Ans
1. Queer
2. Unduly
3. Saintly
4. Ordinary

Question ID : **26433058322**
Status : **Answered**
Chosen Option : **4**

Q.35 **Select the most appropriate meaning of the given idiom.**

To beat a retreat

Ans
1. To make a situation
2. To leave a situation
3. To solve a situation
4. To face a situation

Question ID : **26433060119**
Status : **Answered**
Chosen Option : **3**

Q.36 **Substitute one word for the italicised expression.**
The Bishop criticised the Government for its *having no sympathy* and an uncaring attitude to the homeless and the unemployed.

Ans
✗ 1. merciful
✓ 2. callous
✗ 3. tender
✗ 4. compassionate

Question ID : **26433059632**
Status : **Answered**
Chosen Option : **4**

Q.37 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
It <u>was delightful to heard</u> the baby's voice.

Ans
✗ 1. was delightful to be heard
✓ 2. was delightful to hear
✗ 3. was delightful to be hear
✗ 4. was delightful to hearing

Question ID : **26433059668**
Status : **Answered**
Chosen Option : **2**

Q.38 **Select the most appropriate synonym of the given word.**
Accredit

Ans
✓ 1. Certify
✗ 2. Confide
✗ 3. Rely
✗ 4. Trust

Question ID : **26433059228**
Status : **Answered**
Chosen Option : **1**

Q.39 **Select the most appropriate ANTONYM of the capitalised word in the given sentence.**

The favouritism of the boss led to many DISGRUNTLED employees.

Ans
✗ 1. Disturbed
✗ 2. Determined
✓ 3. Pleased
✗ 4. Miserable

Question ID : **26433088218**
Status : **Answered**
Chosen Option : **3**

Q.40 **Select the most appropriate ANTONYM of the underlined word.**

Sting operations use <u>subterfuge</u> to obtain material for stories.

Ans

✗ 1. Society

✗ 2. Policy

✗ 3. Suspicion

✓ 4. Honesty

Question ID : **26433055852**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.
When the Arabs invaded North Africa, there was an upsurge in the trade in gold. Ghana became rich and soon after, the Soninke ousted the Maga and built their own nation under Kaya Magan Cisse, who became the Soninke king around 790.
Ghana's ancient capital, Koumbi Salah, was the city where Africans and Berbers met and traded. Arab traders in the 9th century described Ghana as 'the land of gold.' The gold came from Asante and Senegal, to the south and west. The trade routes led north and east to Morocco, Libya and Aksum and so on to Europe and Asia.
Ghana had reached its peak in the 10th century. This was the country which controlled both the gold and salt trades. Other trading goods included woollen clothes, luxury items, leather goods and slaves. Traders transported goods hundreds of kilometres across the Sahara desert with camel caravans.

SubQuestion No : 41

Q.41 **Maga, a Berber clan originated from:**

Ans

✓ 1. Morocco

✗ 2. Senegal

✗ 3. Aksum

✗ 4. Libya

Question ID : **26433088656**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.
When the Arabs invaded North Africa, there was an upsurge in the trade in gold. Ghana became rich and soon after, the Soninke ousted the Maga and built their own nation under Kaya Magan Cisse, who became the Soninke king around 790.
Ghana's ancient capital, Koumbi Salah, was the city where Africans and Berbers met and traded. Arab traders in the 9th century described Ghana as 'the land of gold.' The gold came from Asante and Senegal, to the south and west. The trade routes led north and east to Morocco, Libya and Aksum and so on to Europe and Asia.
Ghana had reached its peak in the 10th century. This was the country which controlled both the gold and salt trades. Other trading goods included woollen clothes, luxury items, leather goods and slaves. Traders transported goods hundreds of kilometres across the Sahara desert with camel caravans.

SubQuestion No : 42

Q.42 Select the most appropriate title for the passage.

Ans
✔ 1. Ghana – land of gold
✘ 2. Ghana – land of tribes
✘ 3. Ghana – land of Berbers
✘ 4. Ghana – land of trade

Question ID : **26433088660**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.
When the Arabs invaded North Africa, there was an upsurge in the trade in gold. Ghana became rich and soon after, the Soninke ousted the Maga and built their own nation under Kaya Magan Cisse, who became the Soninke king around 790.
Ghana's ancient capital, Koumbi Salah, was the city where Africans and Berbers met and traded. Arab traders in the 9th century described Ghana as 'the land of gold.' The gold came from Asante and Senegal, to the south and west. The trade routes led north and east to Morocco, Libya and Aksum and so on to Europe and Asia.
Ghana had reached its peak in the 10th century. This was the country which controlled both the gold and salt trades. Other trading goods included woollen clothes, luxury items, leather goods and slaves. Traders transported goods hundreds of kilometres across the Sahara desert with camel caravans.

SubQuestion No : 43

Q.43 Select the most appropriate ANTONYM of the given word.

Controlled

Ans
✘ 1. Profuse
✘ 2. Promise
✘ 3. Practicality
✔ 4. Agitated

Question ID : **26433088659**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.
When the Arabs invaded North Africa, there was an upsurge in the trade in gold. Ghana became rich and soon after, the Soninke ousted the Maga and built their own nation under Kaya Magan Cisse, who became the Soninke king around 790.
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Ghana had reached its peak in the 10th century. This was the country which controlled both the gold and salt trades. Other trading goods included woollen clothes, luxury items, leather goods and slaves. Traders transported goods hundreds of kilometres across the Sahara desert with camel caravans.

SubQuestion No : 44

Q.44 Select the one-word substitute from the passage for the given group of words.

Rapid or sudden rise

Ans
✗ 1. Caravans
✗ 2. Ousted
✓ 3. Upsurge
✗ 4. Ancient

Question ID : **26433088658**
Status : **Answered**
Chosen Option : **3**

Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.
When the Arabs invaded North Africa, there was an upsurge in the trade in gold. Ghana became rich and soon after, the Soninke ousted the Maga and built their own nation under Kaya Magan Cisse, who became the Soninke king around 790.
Ghana's ancient capital, Koumbi Salah, was the city where Africans and Berbers met and traded. Arab traders in the 9th century described Ghana as 'the land of gold.' The gold came from Asante and Senegal, to the south and west. The trade routes led north and east to Morocco, Libya and Aksum and so on to Europe and Asia.
Ghana had reached its peak in the 10th century. This was the country which controlled both the gold and salt trades. Other trading goods included woollen clothes, luxury items, leather goods and slaves. Traders transported goods hundreds of kilometres across the Sahara desert with camel caravans.

SubQuestion No : 45

Q.45 _____ and _____ were the foundation of Ghana's trade in ancient times.

Ans
✗ 1. Woollen clothes; luxurious items
✗ 2. Leather goods; slaves
✓ 3. Gold; salt
✗ 4. Camel; caravans

Question ID : **26433088657**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The rise and (1)_____ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)_____, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)_____. These are heady days in Punjab's (4)____ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)_____ every day, by some reckoning.

SubQuestion No : 46

Q.46 Select the most appropriate word to fill in blank 1.

Ans
✗ 1. failure
✗ 2. uprise
✗ 3. down
✓ 4. fall

Question ID : **26433059485**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The rise and (1)_____ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)_____, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)_____. These are heady days in Punjab's (4)____ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)_____ every day, by some reckoning.

SubQuestion No : 47

Q.47 Select the most appropriate word to fill in blank 2.

Ans
✗ 1. tonight
✓ 2. overnight
✗ 3. every night
✗ 4. at night

Question ID : **26433059486**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The rise and (1)_____ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)_____, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)_____. These are heady days in Punjab's (4)____ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)_____ every day, by some reckoning.

SubQuestion No : 48

Q.48 Select the most appropriate word to fill in blank 3.

Ans
✓ 1. overwhelming
✗ 2. easy
✗ 3. boring
✗ 4. monotonous

Question ID : **26433059487**
Status : **Marked For Review**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The rise and (1)_____ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)_____, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)_____. These are heady days in Punjab's (4)____ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)_____ every day, by some reckoning.

SubQuestion No : 49

Q.49 Select the most appropriate word to fill in blank 4.

Ans

✗ 1. fashion

✓ 2. music

✗ 3. film

✗ 4. food

Question ID : **26433059488**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The rise and (1)_____ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)_____, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)_____. These are heady days in Punjab's (4)____ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)_____ every day, by some reckoning.

SubQuestion No : 50

Q.50 Select the most appropriate word to fill in blank 5.

Ans

✗ 1. everywhere

✗ 2. there

✗ 3. nowhere

✓ 4. here

Question ID : **26433059489**
Status : **Answered**
Chosen Option : **4**

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	11/11/2022
Exam Time	12:30 PM - 2:30 PM
Subject	SICPO Paper I 2022

Section : **General Intelligence and Reasoning**

Q.1 **If + means −, − means ×, × means ÷, and ÷ means +, what will be the value of the following expression?**
65 ÷ 35 + 72 × 8 − 5

Ans
✗ 1. 195
✗ 2. 45
✗ 3. 455
✓ 4. 55

Question ID : **26433076708**
Status : **Answered**
Chosen Option : **4**

Q.2 **In a certain code language, 'CHART' is written as 'GDASS' and 'EMPTY' is written as 'LFPXU'. How will 'INDEX' be written in that language?**

Ans
✗ 1. MIDWF
✓ 2. MJDWF
✗ 3. MDJWF
✗ 4. MWDJF

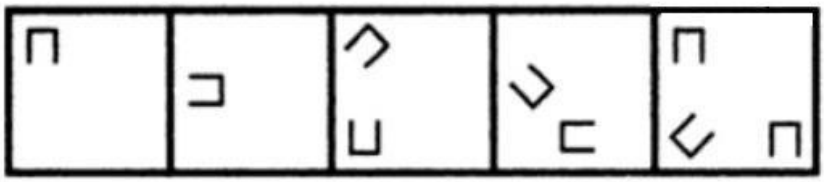
Question ID : **26433056381**
Status : **Answered**
Chosen Option : **2**

Q.3 **Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statements:
All phones are gadgets.
All gadgets are machines.
Conclusions:
I. All phones are machines.
II. All machines are gadgets.

Ans
✗ 1. Both conclusions I and II follow
✗ 2. Only conclusion II follows
✗ 3. Neither conclusion I nor II follows
✓ 4. Only conclusion I follows

Question ID : **26433056690**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the figure that will come next in the following figure series.



Ans

1. 

2. 

3. 

4. 

Question ID : **26433090223**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster.**

Ans
1. QUXZ
2. GKOQ
3. AEIK
4. KOSU

Question ID : **26433065656**
Status : **Answered**
Chosen Option : **1**

Q.6 In a code language, ‘you are tall’ is coded as 'la da ma', 'you workout daily' is coded as 'la pa ka', and 'daily workout makes you tall' is coded as 'ka pa ja la ma'. What is the code for the word 'makes'?

Ans
1. ma
2. ja
3. la
4. pa

Question ID : **26433056412**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
AZX, CBZ, EDB, GFD, ?

Ans
1. IHF
2. IFH
3. FHI
4. JHF

Question ID : **26433056070**
Status : **Answered**
Chosen Option : **1**

Q.8 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
Some classes are theories.
Some theories are lessons.

Conclusions:
I. All classes can never be lessons.
II. All theories being classes is a possibility.

Ans
1. Only conclusion I follows
2. Both conclusions I and II follow
3. Only conclusion II follows
4. Neither conclusion I nor II follows

Question ID : **26433055231**
Status : **Answered**
Chosen Option : **4**

Q.9 Which letter-cluster will replace the question mark (?) to complete the given series?
PYWB, MVYD, ?, GPCH, DMEJ

Ans
1. JSBF
2. JTBF
3. JTBG
4. JSAF

Question ID : **26433067965**
Status : **Answered**
Chosen Option : **4**

Q.10 **Six students are sitting around a circular table facing the centre. Salman is an immediate neighbour of both Kiran and Shwetha. Bala is sitting second right to Salman. Shwetha is sitting third to the left of Bala. Akshay is an immediate neighbour of both Bala and Nishitha. Who is the immediate neighbour of Nishitha and Salman?**

Ans

✗ 1. Bala

✗ 2. Kiran

✓ 3. Shwetha

✗ 4. Akshay

Question ID : **26433056039**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.**
_ F O _ L L W F _ O O L _W F F _ O _ L _

Ans

✓ 1. F O F L O L W

✗ 2. F F L L O O W

✗ 3. F F O L L O L

✗ 4. F O W L L F W

Question ID : **26433067742**
Status : **Answered**
Chosen Option : **1**

Q.12 **On a certain day John decided to go school using his newly purchased skates. So, he left his house and skated 15 km northwards, then turned left and skated 7 km, then he took another left turn and skated 15 km, and then finally turned right and skated 13 km. How far exactly is his school from his house?**

Ans

✓ 1. 20 km

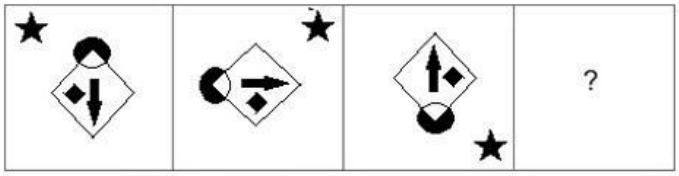
✗ 2. 6 km

✗ 3. 2 km

✗ 4. 28 km

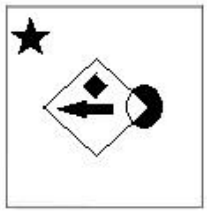
Question ID : **26433057312**
Status : **Answered**
Chosen Option : **1**

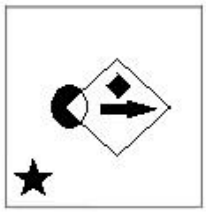
Q.13 Select the figure that will replace the question mark (?) in the following figure series.

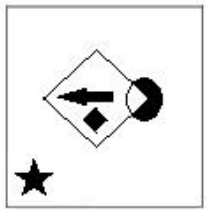


Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **26433070426**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.**

1. Universe
2. Country
3. Sun
4. Earth
5. MilkyWay

Ans

✘ 1. 1,4,2,5,3

✔ 2. 1,5,3,4,2

✘ 3. 1,2,3,4,5

✘ 4. 5,4,3,2,1

Question ID : **26433070315**
Status : **Answered**
Chosen Option : **2**

Q.15 In a code language, 'trek to the mountain' is written as 'tes mel fern lor', 'the mountain is high' is written as 'lor max fern ani', 'high to the sky' is written as 'tes ani sav fern'. What is the code for the word 'trek' in this language?

Ans
✗ 1. fern
✗ 2. max
✓ 3. mel
✗ 4. tes

Question ID : **26433056772**
Status : **Answered**
Chosen Option : **3**

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(27, 21, 16)
(24, 33, 19)

Ans
✗ 1. (25, 21, 13)
✓ 2. (36, 15, 17)
✗ 3. (42, 18, 21)
✗ 4. (32, 14, 7)

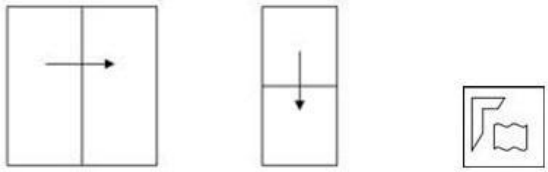
Question ID : **26433057448**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the correct option to indicate the arrangement of the following words in a logical and meaningful order.
1. Tissue
2. Population
3. Organ
4. Cell
5. Organism

Ans
✗ 1. 41325
✗ 2. 14325
✓ 3. 41352
✗ 4. 14253

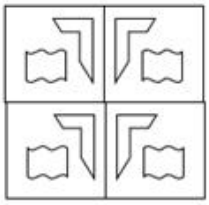
Question ID : **26433057995**
Status : **Answered**
Chosen Option : **3**

Q.18 A paper is folded and cut as shown below. How will it appear when unfolded?

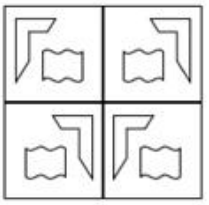


Ans

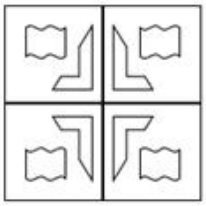
✗ 1.



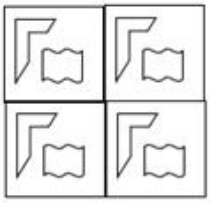
✗ 2.



✓ 3.

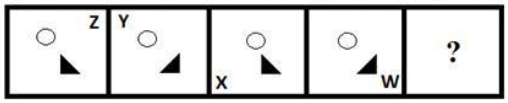


✗ 4.



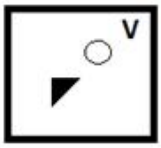
Question ID : **26433057535**
Status : **Answered**
Chosen Option : **3**

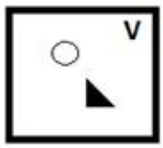
Q.19 Select the figure that will come in place of the question mark (?) in the following figure series.

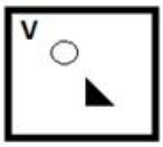


Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **26433056946**
Status : **Answered**
Chosen Option : **3**

Q.20 **If ÷ means −, − means × , × means +, + means ÷, what will come in place of the question mark (?)?**
132 + 6 – 9 × 13 ÷ 31 = ?

Ans

✓ 1. 180

✗ 2. 206

✗ 3. 216

✗ 4. 208

Question ID : **26433068117**
Status : **Answered**
Chosen Option : **1**

Q.21 In a code language, VACCINE is written as $\frac{132}{7}$ and MASKS is written as $\frac{72}{5}$.

How will SANITIZE be written in that language?

Ans

✓ 1. $\frac{113}{8}$

✗ 2. $\frac{89}{7}$

✗ 3. $\frac{113}{7}$

✗ 4. $\frac{89}{8}$

Question ID : **26433056267**
Status : **Answered**
Chosen Option : **1**

Q.22 'P # Q' means 'P is the husband of Q'.
'P $ Q' means 'P is the son of Q'.
'P @ Q' means 'P is the brother of Q'.
'P % Q' means 'P is the father of Q'.
'P & Q' means 'P is the mother of Q'.
'P × Q' means 'P is the wife of Q'.

Which of the following statements is correct regarding the given expression?
M × O $ N @ Q % R # S

Ans
✗ 1. M is the brother of R.
✗ 2. M is the daughter-in-law of R.
✗ 3. O is the daughter of Q.
✓ 4. N is the brother of R's father.

Question ID : **26433057296**
Status : **Answered**
Chosen Option : **4**

Q.23 If I denotes '÷', J denotes '×', K denotes '-', and L denotes '+', then what will come in place of '?' in the following equation?
29 J 7 K 168 I 4 L 71 K 39 L 14 J 2 = ?

Ans
✓ 1. 221
✗ 2. 228
✗ 3. 216
✗ 4. 235

Question ID : **26433057637**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
FAN2 : ICO8 : : NAP5 : QCQ125 : : GUN8 : ?

Ans
✗ 1. JWO64
✓ 2. JWO512
✗ 3. JWO484
✗ 4. JVO512

Question ID : **26433056672**
Status : **Answered**
Chosen Option : **2**

Q.25 Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.
467 * 231 * 123 * 789 * 345 * 131

Ans
✗ 1. +, −, +, +, =
✓ 2. +, −, −, +, =
✗ 3. +, −, ×, +, =
✗ 4. ×, −, −, +, =

Question ID : **26433068686**
Status : **Answered**
Chosen Option : **2**

Q.26 If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation?
124 D 4 C 86 D 2 A 61 A 17 B 3 = ?

Ans
✔ 1. 100
✘ 2. 98
✘ 3. 92
✘ 4. 110

Question ID : **26433057635**
Status : **Answered**
Chosen Option : **1**

Q.27 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(2, 3, 35)
(11, 6, 1547)

Ans
✔ 1. (4, 15, 3439)
✘ 2. (10, 9, 1730)
✘ 3. (7, 8, 2565)
✘ 4. (3, 12, 1296)

Question ID : **26433056510**
Status : **Answered**
Chosen Option : **1**

Q.28 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans
✘ 1. XCY
✘ 2. OLP
✘ 3. TGU
✔ 4. BXC

Question ID : **26433057224**
Status : **Answered**
Chosen Option : **4**

Q.29 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All dogs are cats.
No cat is a rat.

Conclusions:
I. Some rats are cats.
II. Some dogs are rats.

Ans
✔ 1. Neither conclusion I nor II follows
✘ 2. Only conclusion I follows.
✘ 3. Both conclusions I and II follow.
✘ 4. Only conclusion II follows.

Question ID : **26433056051**
Status : **Answered**
Chosen Option : **4**

Q.30 Select the number from among the given options that can replace the question mark (?) in the following series.
159, 146, ?, 120, 107, 94, 81

Ans

✗ 1. 136

✗ 2. 131

✓ 3. 133

✗ 4. 140

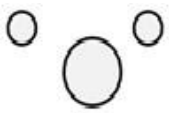
Question ID : **26433057021**
Status : **Answered**
Chosen Option : **3**

Q.31 Select the Venn diagram that best illustrates the relationship between the following classes.
Prime minister, Finance minister, Union Government

Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433065945**
Status : **Answered**
Chosen Option : **2**

Q.32 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
9 : 36 :: 12 : ? :: 18 : 126

Ans

✗ 1. 65

✓ 2. 60

✗ 3. 70

✗ 4. 58

Question ID : **26433057574**
Status : **Answered**
Chosen Option : **2**

Q.33 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '6'.

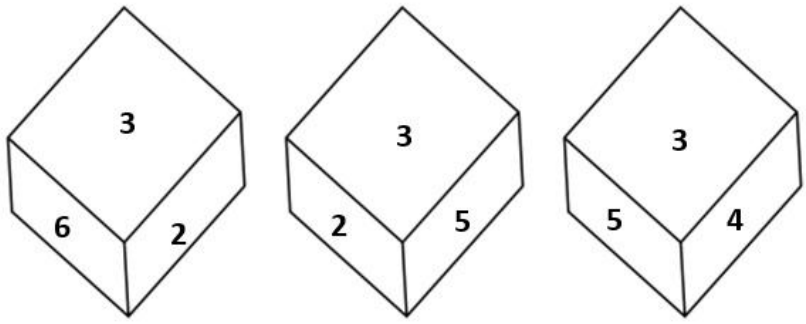


Figure 1 Figure 2 Figure 3

Ans
✗ 1. 3
✗ 2. 1
✗ 3. 2
✓ 4. 5

Question ID : **26433069057**
Status : **Answered**
Chosen Option : **4**

Q.34 **Select the set in which the numbers are related in the same way as are the numbers of the given sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(19, 64, 11)
(27, 169, 14)

Ans
✗ 1. (23, 110, 12)
✗ 2. (20, 200, 8)
✗ 3. (24, 99, 15)
✓ 4. (22, 121, 11)

Question ID : **26433057098**
Status : **Answered**
Chosen Option : **4**

Q.35 **Karan drives 6 km towards north from point A. He takes a left turn and drives 3 km. Again he takes a left turn and drives 3 km. He takes a left turn and drives 6 km. He takes a right turn and drives 3 km to reach point B. How far and towards which direction should he drive in order to reach point A again?**

Ans
✗ 1. 5 km towards east
✓ 2. 3 km towards west
✗ 3. 4 km towards north
✗ 4. 2 km towards south

Question ID : **26433068277**
Status : **Answered**
Chosen Option : **2**

Q.36 **Which of the following numbers will replace the question mark (?) in the given series?**
90, 211, 67, 236, ?

Ans
✗ 1. 143
✗ 2. 45
✓ 3. 40
✗ 4. 38

Question ID : **26433067640**
Status : **Answered**
Chosen Option : **2**

Q.37 **In a code language, 'day of rest' is written as 'per din ces', 'rest after work' is written as 'per fin tds', 'all day work' is written as 'din fin mls'. What is the code for the word 'after' in this language?**

Ans
✗ 1. din
✗ 2. per
✓ 3. tds
✗ 4. ces

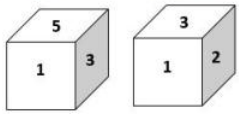
Question ID : **26433056768**
Status : **Answered**
Chosen Option : **3**

Q.38 **If + means −, − means ×, × means ÷, and ÷ means +, what will be the value of the following expression?**
2 ÷ 5 + 2 − 5 × 5 = ?

Ans
✓ 1. 5
✗ 2. 10
✗ 3. 8
✗ 4. 6

Question ID : **26433068609**
Status : **Answered**
Chosen Option : **1**

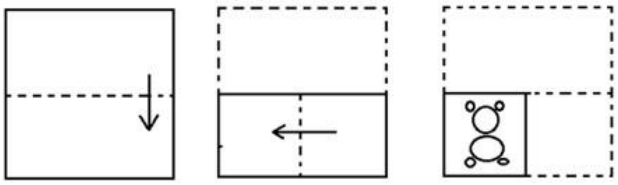
Q.39 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '5'.



Ans
✗ 1. 1
✗ 2. 3
✗ 3. 4
✓ 4. 2

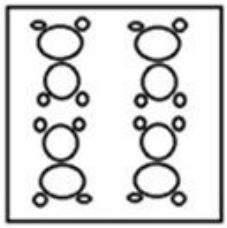
Question ID : **26433058066**
Status : **Answered**
Chosen Option : **4**

Q.40 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper.

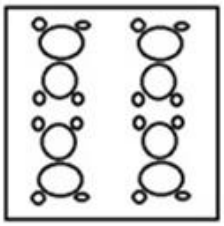


Ans

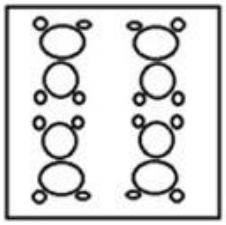
✗ 1.



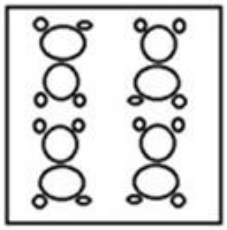
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433067454**
Status : **Answered**
Chosen Option : **3**

Q.41 Which of the following numbers will replace the question mark (?) in the given series?

10, 21, 35, 56, 90, 145, 231, 360, ?

Ans

✗ 1. 436

✓ 2. 546

✗ 3. 463

✗ 4. 564

Question ID : **26433059921**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.42 **Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
121 * 11 * 99 * 11 * 77 * 79

Ans

✗ 1. ×, −, ÷, +, =

✗ 2. ÷, −, ÷, ×, =

✗ 3. ÷, −, ×, +, =

✓ 4. ÷, −, ÷, +, =

Question ID : **26433068690**
Status : **Answered**
Chosen Option : **4**

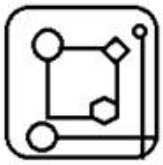
Q.43 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **26433057870**
Status : **Answered**
Chosen Option : **3**

Q.44 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5'.

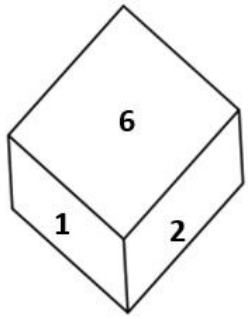


Figure 1

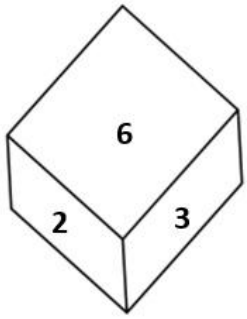


Figure 2

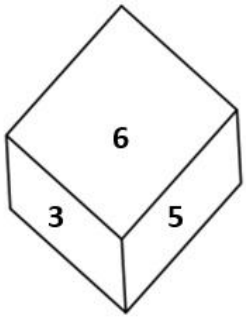
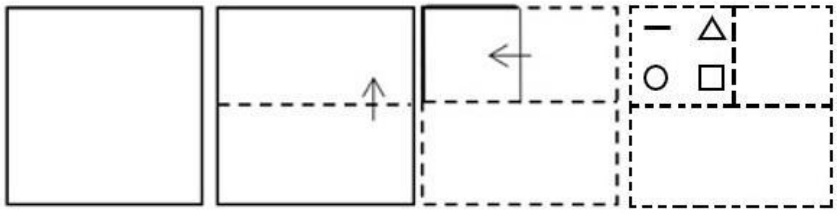


Figure 3

Ans
✗ 1. 3
✓ 2. 2
✗ 3. 6
✗ 4. 1

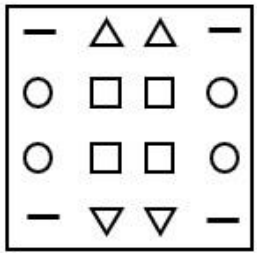
Question ID : **26433069061**
Status : **Answered**
Chosen Option : **2**

Q.45 A paper is folded and cut as shown below. How will it appear when unfolded?

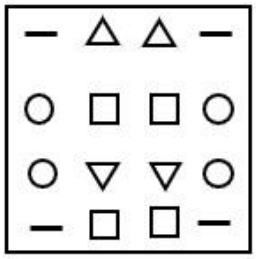


Ans

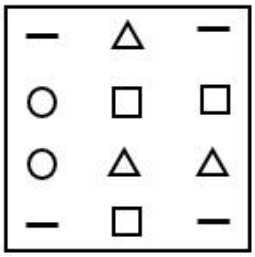
✔ 1.



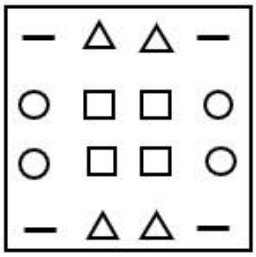
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433065990**
Status : **Answered**
Chosen Option : **1**

Q.46 **Which of the following numbers will replace the question mark (?) in the given series?**

42, 67, 96, 129, 166, ?

Ans

✔ 1. 207

✗ 2. 206

✗ 3. 205

✗ 4. 208

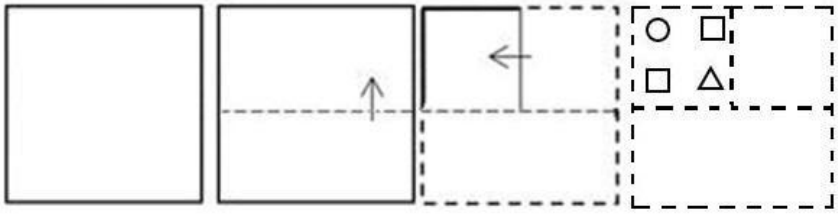
Question ID : **26433057346**
Status : **Answered**
Chosen Option : **1**

Q.47 **Seven people, A, B, C, D, E, F and G, are sitting in a straight row facing the north. Only two people sit to the left of C. Only two people sit between A and B. B sits to the left of A. E is an immediate neighbour of A to the right. Only one person sits to the right of D. F is not an immediate neighbour of B. Who sits to the extreme left?**

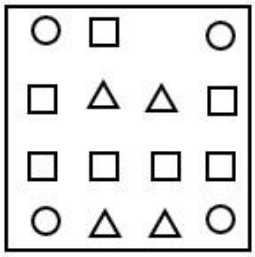
Ans
✔ 1. B
✘ 2. D
✘ 3. E
✘ 4. F

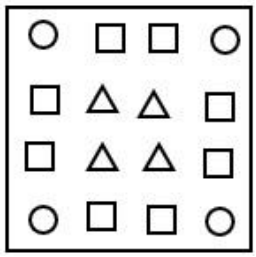
Question ID : **26433055888**
Status : **Answered**
Chosen Option : **1**

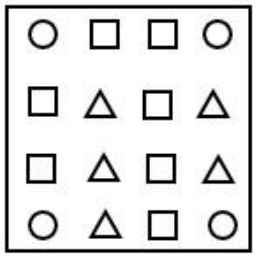
Q.48 A paper is folded and cut as shown below. How will it appear when unfolded?

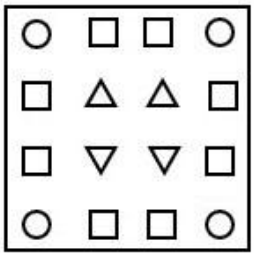


Ans

✘ 1.


✘ 2.


✘ 3.


✔ 4.


Question ID : **26433065991**
Status : **Answered**
Chosen Option : **4**

Q.49 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.**
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
Master : Disciple

Ans
✔ 1. Coach : Player
✘ 2. Cup : Plate
✘ 3. Tea : Coffee
✘ 4. Doctor : Medicine

Question ID : **26433091418**
Status : **Answered**
Chosen Option : **1**

Q.50 **A # B means 'A is the brother of B'**
A @ B means 'A is the sister of B'
A & B means 'A is the husband of B'
A % B means 'A is the daughter of B'
If W # Q @ T & Y @ M % K # L, then how is K related to T?

Ans
✔ 1. Wife's father
✘ 2. Wife's brother
✘ 3. Father
✘ 4. Brother

Question ID : **26433074713**
Status : **Answered**
Chosen Option : **1**

Section : **General Knowledge and General Awareness**

Q.1 **As per the guidelines issued by the Reserve Bank of India in June 2021, each NBFC-MFI is required to maintain not less than _____ of its net assets as 'qualifying assets'.**

Ans
✘ 1. 50%
✔ 2. 85%
✘ 3. 75%
✘ 4. 25%

Question ID : **26433064104**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Shivaji, the famous Maratha warrior fought against who among the following Mughal Emperors?**

Ans
✘ 1. Humayun
✘ 2. Shahjahan
✘ 3. Akbar
✔ 4. Aurangzeb

Question ID : **26433071396**
Status : **Answered**
Chosen Option : **4**

Q.3 By the 42nd Amendment in 1976, as introduced by the _____, the Chapter on the fundamental duties of citizens was incorporated into the Constitution.

Ans
1. Shah Nawaz Committee
2. Sachar Committee
3. Swaran Singh Committee
4. Balwant Rai Mehta Committee

Question ID : **26433054519**
Status : **Answered**
Chosen Option : **3**

Q.4 Which of the following statement regarding moon is correct?
I. The size of the illuminated part of the moon visible from the Earth increases each day after the new moon day.
II. After the full moon day, the sunlit part of the moon visible from the Earth decreases in size every day.

Ans
1. Both I and II
2. Only I
3. Neither I nor II
4. Only II

Question ID : **26433054942**
Status : **Not Answered**
Chosen Option : **--**

Q.5 During The Battle of Chanderi or Siege of Chanderi, the Mughal Emperor _____ had defeated Rajputs in 1528.

Ans
1. Akbar
2. Jahangir
3. Babur
4. Humayun

Question ID : **26433099209**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.6 In 2012, for which of the following films did Pandit Birju Maharaj win the 'Best Choreography' category National Award?

Ans
1. Nanban
2. Vishwaroopam
3. Ambuli
4. Aravaan

Question ID : **26433054499**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Who among the following was the founder of the Bhoodan Yajna (Land Gift) movement?**

Ans
✗ 1. Mahatma Gandhi
✗ 2. Tarabai Shinde
✗ 3. Atmaram Joshi
✓ 4. Vinoba Bhave

Question ID : **26433066654**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Which of the following pair of human disease – microorganism – mode of transmission is correct?**
I. Tuberculosis – Virus – Air
II. Chicken Pox – Virus – Water/Food

Ans
✗ 1. Only II
✗ 2. Both I and II
✓ 3. Neither I nor II
✗ 4. Only I

Question ID : **26433055108**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Which of the following statement is NOT correct regarding hydrocarbons?**

Ans
✗ 1. Saturated hydrocarbons are fairly unreactive and are inert in the presence of most reagents.
✗ 2. Most carbon compounds also release a large amount of heat and light on burning.
✓ 3. Carbon compounds cannot get oxidised on combustion.
✗ 4. Unsaturated hydrocarbons add hydrogen in the presence of catalysts such as palladium or nickel to give saturated hydrocarbons.

Question ID : **26433054911**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **The war that spread beyond Southern India and into Bengal, where British forces under Robert Clive recaptured Calcutta from Nawab Sirajud-Daulah, who had the support of French, was _____.**

Ans
✗ 1. The Battle of Buxar in 1764
✓ 2. The Battle of Plassey in 1757
✗ 3. The Battle of Wandiwash in 1760
✗ 4. The Battle of Adyar in 1746

Question ID : **26433099220**
Status : **Answered**
Chosen Option : **2**

Q.11 **The Indian judicial system is based on:**

Ans
✗ 1. both integrated and dual system
✗ 2. dual court system
✗ 3. multiple court system
✓ 4. single integrated system

Question ID : **26433054097**
Status : **Marked For Review**
Chosen Option : **1**

Q.12 Which is NOT correct about the independence of the judiciary in our country?

Ans
✗ 1. The judiciary has the power to penalise those who are found guilty of contempt of court.

✓ 2. The judges are financially dependent on both the executive and legislature for their salaries and allowances.

✗ 3. The Constitution prescribes a very difficult procedure for removal of judges.

✗ 4. The legislature is not involved in the process of appointment of judges.

Question ID : **26433054098**
Status : **Answered**
Chosen Option : **2**

Q.13 The Commonwealth Games are organised by_____.

Ans
✗ 1. International Olympic Council

✗ 2. Asian Games Federation

✓ 3. Commonwealth Games Federation

✗ 4. Indian Olympic Council

Question ID : **26433054655**
Status : **Answered**
Chosen Option : **3**

Q.14 Which of the following statement is NOT correct regarding the alkali metals?

Ans
✗ 1. All the alkali metals are silvery white, soft and light metals.

✗ 2. The ionization enthalpies of the alkali metals are considerably low and decrease down the group from.

✗ 3. Group 1 metals are known as alkali metals.

✓ 4. All the alkali metals have two valence electrons.

Question ID : **26433055769**
Status : **Answered**
Chosen Option : **4**

Q.15 Who among the following created the dance form named 'Hi-dance' that he later rechristened and called 'Creative dance'?

Ans
✗ 1. Shashadhar Acharya

✗ 2. Birju Maharaj

✗ 3. Kunwar Amar

✓ 4. Uday Shankar

Question ID : **26433054487**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following Indian players scored maximum goals in hockey at the Tokyo Olympics – 2020?

Ans
✗ 1. Rupinder Pal Singh

✗ 2. Gurjant Singh

✗ 3. Simranjeet Singh

✓ 4. Harmanpreet Singh

Question ID : **26433054659**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following pairs of chemical elements and their symbols is INCORRECT?

Ans
✗ 1. Phosphorus – P
✓ 2. Potassium – Po
✗ 3. Iron – Fe
✗ 4. Iodine – I

Question ID : **26433053979**
Status : **Answered**
Chosen Option : **2**

Q.18 A FIBA sanctioned game of basketball typically consists of _____.

Ans
✗ 1. 4 quarters of 15 minutes each
✗ 2. 2 halves of 30 minutes each
✓ 3. 4 quarters of 10 minutes each
✗ 4. 2 halves of 25 minutes each

Question ID : **26433059451**
Status : **Not Answered**
Chosen Option : **--**

Q.19 At places the groundwater is stored between layers of hard rock below the water table. This is known as an _____.

Ans
✗ 1. pond
✗ 2. lake
✗ 3. well
✓ 4. aquifer

Question ID : **26433054945**
Status : **Answered**
Chosen Option : **1**

Q.20 What approximate percentage of geographical area of India is drained by river Godavari?

Ans
✗ 1. 40%
✗ 2. 20%
✓ 3. 10%
✗ 4. 30%

Question ID : **26433067195**
Status : **Not Answered**
Chosen Option : **--**

Q.21 What time period is considered as the first phase of the Green Revolution in India?

Ans
✓ 1. Mid-1960s to Mid-1970s
✗ 2. Mid-1940s to Mid-1950s
✗ 3. Mid-1950s to Mid-1960s
✗ 4. Mid-1970s to Mid-1980s

Question ID : **26433054637**
Status : **Not Answered**
Chosen Option : **--**

Q.22 In India, from June to September which type of weather prevails?

Ans
✗ 1. Autumn
✗ 2. Winter
✗ 3. Spring
✓ 4. Monsoon / Rainy season

Question ID : **26433054054**
Status : **Answered**
Chosen Option : **3**

Q.23 According to the Industrial Policy Resolution 1956, in how many categories were the industries classified in India?

Ans
✗ 1. 5
✗ 2. 4
✓ 3. 3
✗ 4. 2

Question ID : **26433054608**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which is one of the most famous dance forms of Assam performed by the 'Kulis' (people who work in the tea gardens) during autumn?

Ans
✗ 1. Mahasu dance
✓ 2. Jhumur dance
✗ 3. Lambadi dance
✗ 4. Karga dance

Question ID : **26433090720**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Choose from the following the novel written by Vikram Seth.

Ans
✓ 1. A Suitable Boy
✗ 2. Half Girlfriend
✗ 3. One Indian Girl
✗ 4. One Night at the Call Centre

Question ID : **26433054255**
Status : **Not Answered**
Chosen Option : **--**

Q.26 'Gangaur' is celebrated primarily in which of the following states of India?

Ans
✗ 1. Bihar
✗ 2. Goa
✗ 3. Tripura
✓ 4. Rajasthan

Question ID : **26433054308**
Status : **Answered**
Chosen Option : **1**

Q.27 The national song of India, 'Vande Mataram', is an excerpt taken from the novel _____ written by Bankim Chandra Chattopadhyay.

Ans
1. Saraswati Chandra
2. Durgeshnandini
3. Anand Math
4. Bishabriksha

Question ID : **26433054257**
Status : **Answered**
Chosen Option : **3**

Q.28 Which of the following pair of mineral – need is correct?
I. Iron – formation of hemoglobin
II. Sodium – proper functioning of thyroid

Ans
1. Neither I nor II
2. Only II
3. Both I and II
4. Only I

Question ID : **26433055104**
Status : **Answered**
Chosen Option : **3**

Q.29 Which of the following is NOT a part of the Peninsular Plateau?

Ans
1. The Deccan Plateau
2. The Central Highland
3. The Northern Plain
4. The North-eastern Plateau

Question ID : **26433071619**
Status : **Answered**
Chosen Option : **3**

Q.30 TH Vinayakram, a famous musician, is associated with which musical instrument?

Ans
1. Ghatam
2. Mridangam
3. Sarod
4. Tabla

Question ID : **26433054406**
Status : **Not Answered**
Chosen Option : **--**

Q.31 Air transport was launched in India in the year 1911 between which two places?

Ans
1. Allahabad and Naini
2. Allahabad and Jaipur
3. Allahabad and Kanpur
4. Allahabad and Delhi

Question ID : **26433067189**
Status : **Not Answered**
Chosen Option : **--**

Q.32 Coulomb/second is a unit of which of the following?

Ans
✗ 1. Capacitance
✗ 2. Resistance
✓ 3. Electric current
✗ 4. Magnetism

Question ID : **26433064123**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.33 From which country's constitution has the Constitution of India borrowed the feature of Single Citizenship and Parliamentary system of Government?

Ans
✗ 1. Australia
✗ 2. Canada
✗ 3. The US
✓ 4. The UK

Question ID : **26433054513**
Status : **Answered**
Chosen Option : **4**

Q.34 In which of the following states of India, the reserves of silver are NOT found?

Ans
✗ 1. Odisha
✗ 2. Jharkhand
✗ 3. Andhra Pradesh
✓ 4. Gujarat

Question ID : **26433081914**
Status : **Not Answered**
Chosen Option : **--**

Q.35 The first President of the All India Trade Union Congress was _____.

Ans
✗ 1. C Rajagopalachari
✓ 2. Lala Lajpat Rai
✗ 3. Chandra Shekhar Azad
✗ 4. Motilal Nehru

Question ID : **26433055018**
Status : **Not Answered**
Chosen Option : **--**

Q.36 People of _____ have hardly any idea of extremes of temperature and the seasonal rhythm of weather.

Ans
✗ 1. Indore
✓ 2. Mumbai
✗ 3. Jaisalmer
✗ 4. Lucknow

Question ID : **26433092849**
Status : **Answered**
Chosen Option : **2**

Q.37 **Which of the following Articles of the Constitution gives the right to a candidate, belonging to any caste, to apply for any of the public employment opportunities?**

Ans
✔ 1. Article 16 (2)
✘ 2. Article 17 (2)
✘ 3. Article 18 (2)
✘ 4. Article 15 (2)

Question ID : **26433069875**
Status : **Answered**
Chosen Option : **4**

Q.38 **Cycas is an example of which of the following animal phylum?**

Ans
✘ 1. Pteridophyta
✘ 2. Angiosperms
✔ 3. Gymnosperms
✘ 4. Bryophyta

Question ID : **26433055094**
Status : **Not Answered**
Chosen Option : **--**

Q.39 **In which year did Ambedkar start a temple entry movement?**

Ans
✘ 1. 1931
✔ 2. 1927
✘ 3. 1925
✘ 4. 1938

Question ID : **26433081959**
Status : **Not Answered**
Chosen Option : **--**

Q.40 **Which Article of the Constitution of India deals with the appointment of ad-hoc judges?**

Ans
✘ 1. Article 126
✔ 2. Article 127
✘ 3. Article 128
✘ 4. Article 125

Question ID : **26433064722**
Status : **Answered**
Chosen Option : **3**

Q.41 **Malic acid is most abundantly found in _____.**

Ans
✘ 1. ginger
✘ 2. lemon
✔ 3. apple
✘ 4. tamarind

Question ID : **26433054931**
Status : **Answered**
Chosen Option : **4**

Q.42 _____ received the Naatya Padhmam award from Brahma Gana Sabha on 24 December 2021.

Ans
1. Priyadarshini Govind
2. Srekala Bharath
3. Rekha Prakash
4. Harinie Jeevitha

Question ID : **26433054494**
Status : **Not Answered**
Chosen Option : **--**

Q.43 Amylase enzyme can be found in _____.

Ans
1. the stomach
2. the liver
3. the gall bladder
4. saliva

Question ID : **26433054916**
Status : **Not Answered**
Chosen Option : **--**

Q.44 Pandit Birju Maharaj received which of the following awards in 1986?

Ans
1. Padma Bhushan
2. Padma Shri
3. Padma Vibhushan
4. Kalidas Samman

Question ID : **26433090713**
Status : **Not Answered**
Chosen Option : **--**

Q.45 When was National Emergency declared for the first time under Article 352?

Ans
1. 1963-69
2. 1961-65
3. 1961-67
4. 1962-68

Question ID : **26433069867**
Status : **Answered**
Chosen Option : **2**

Q.46 Which of the following places is decided to be the host of the FINA World Championships (25m) 2022?

Ans
1. Hangzhou, China
2. Melbourne, Australia
3. Abu Dhabi, United Arab Emirates
4. Budapest, Hungary

Question ID : **26433059422**
Status : **Not Answered**
Chosen Option : **--**

Q.47 **Laxmipriya Mohapatra was associated with which of the following classical dances of India?**

Ans
✗ 1. Sattriya
✗ 2. Kathakali
✓ 3. Odissi
✗ 4. Kuchipudi

Question ID : **26433054135**
Status : **Not Answered**
Chosen Option : **--**

Q.48 **In which of the following languages did Amoghavarsha write Kavirajamarga?**

Ans
✗ 1. Tamil
✗ 2. Sanskrit
✓ 3. Kannada
✗ 4. Telugu

Question ID : **26433082056**
Status : **Not Answered**
Chosen Option : **--**

Q.49 **Wheatstone bridge is an arrangement of _____ resistors used for accurate measurement of resistance.**

Ans
✗ 1. three
✗ 2. six
✗ 3. five
✓ 4. four

Question ID : **26433055076**
Status : **Not Answered**
Chosen Option : **--**

Q.50 **Which of the following commodities are exempted from GST?**

Ans
✗ 1. Hand sanitisers
✗ 2. Pens
✓ 3. Alcohol for human consumption
✗ 4. Ventilators

Question ID : **26433059334**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 The following table shows the production of different types of two wheelers from 1993 to 1998.

(No. of two wheelers is in 1000s)

Year / Type	1993	1994	1995	1996	1997	1998
A	36	34	40	35	37.5	40
B	20	22	25	23	19.5	18
C	14	22	16	25	29	35
D	60	62	67.5	75	76	80
E	40	45	48	50	80	105
F	45	52	55	60	57.5	56
Total	215	237	251.5	268	299.5	334

What is the approximate percentage increase in the total production of all types of two wheelers in 1998 in comparison to 1994?

Ans
✗ 1. 42
✗ 2. 45
✗ 3. 40
✓ 4. 41

Question ID : **26433066379**
Status : **Answered**
Chosen Option : **4**

Q.2 **The price of a car is first increased by 35% and after that the price is decreased by 25% due to reduction in sales. What is the net percentage change in final price of the car?**

Ans
✗ 1. Decreases by $2\frac{1}{5}\%$
✗ 2. Increases by $2\frac{1}{3}\%$
✗ 3. Decreases by $1\frac{3}{5}\%$
✓ 4. Increases by $1\frac{1}{4}\%$

Question ID : **26433058961**
Status : **Answered**
Chosen Option : **4**

Q.3 **The average age of 10 students and their class teacher is 17 years. If the age of the class teacher is excluded, the average age of the 10 students is reduced by 2 years. What is the age of the class teacher?**

Ans
✗ 1. 38 years
✗ 2. 36 years
✓ 3. 37 years
✗ 4. 35 years

Question ID : **26433073147**
Status : **Answered**
Chosen Option : **3**

Q.4 **A six-digit number is divisible by 198. If the digits are rearranged, even then the number will be divisible by:**

Ans

✔ 1. 3

✗ 2. 6

✗ 3. 2

✗ 4. 66

Question ID : **26433061721**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Which of the following is the lowest ratio?**

Ans

✔ 1. 3 : 22

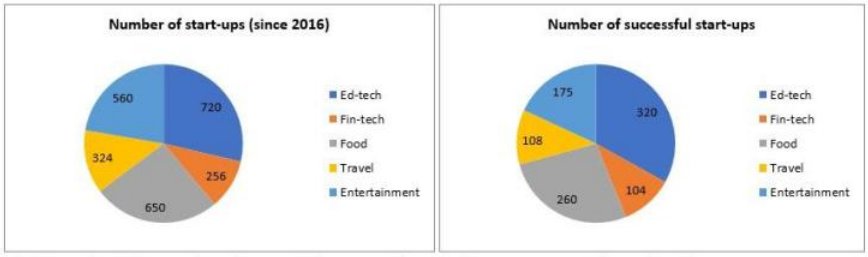
✗ 2. 23 : 29

✗ 3. 17 : 5

✗ 4. 5 : 19

Question ID : **26433063706**
Status : **Answered**
Chosen Option : **1**

Q.6 The following pie charts show the number of start-ups started in various sectors since 2016 and the number of successful start-ups in those sectors respectively.



Find the ratio of the number of successful start-ups in entertainment sector to the total number of start-ups in entertainment since 2016.

Ans

✔ 1. 5 : 16

✗ 2. 5 : 17

✗ 3. 7 : 16

✗ 4. 25 : 81

Question ID : **26433076420**
Status : **Answered**
Chosen Option : **1**

Q.7 **Find the greatest number that exactly divides 15, 30 and 40.**

Ans

✗ 1. 3

✗ 2. 40

✔ 3. 5

✗ 4. 15

Question ID : **26433063989**
Status : **Answered**
Chosen Option : **3**

Q.8 **The weight of a person was entered incorrectly as 83 kg instead of 63 kg. As a result, the average weight of a group of people increased by 500 gm. What is the total number of people in the group?**

Ans
✗ 1. 44
✗ 2. 48
✓ 3. 40
✗ 4. 50

Question ID : **26433057118**
Status : **Answered**
Chosen Option : **4**

Q.9 **What is the selling price of a dress that has a marked price of Rs. 500 and is given a 20% discount and subsequently a 10% discount?**

Ans
✗ 1. Rs. 330
✓ 2. Rs. 360
✗ 3. Rs. 365
✗ 4. Rs. 345

Question ID : **26433057128**
Status : **Answered**
Chosen Option : **2**

Q.10 If $a + \frac{1}{a} = P^2$, then find $a^2 + \frac{1}{a^2}$.

Ans
✗ 1. $P^2 - 2$
✗ 2. $P^2 + 2$
✓ 3. $P^4 - 2$
✗ 4. $P^4 + 2$

Question ID : **26433061443**
Status : **Answered**
Chosen Option : **3**

Q.11 Simplify.

$$\frac{\cos^4\theta - \sin^4\theta}{\sin^2\theta}$$

Ans
✗ 1. $1 - \tan^2\theta$
✗ 2. $\tan^2\theta - 1$
✓ 3. $\cot^2\theta - 1$
✗ 4. $1 - \cot^2\theta$

Question ID : **26433058929**
Status : **Answered**
Chosen Option : **3**

Q.12 **The marked price of a chair was ₹1,000 but it was sold for ₹1,200. What is the percentage increase on the product?**

Ans
✗ 1. 10%
✗ 2. 15%
✗ 3. 35%
✓ 4. 20%

Question ID : **26433061398**
Status : **Answered**
Chosen Option : **4**

Q.13 If $a = 9.6, b = 4.44$ and $c = 5.16$, then the value of $a^3 - b^3 - c^3 - 3abc$ is:

Ans
✓ 1. 0
✗ 2. −1
✗ 3. 2
✗ 4. 1

Question ID : **26433066273**
Status : **Answered**
Chosen Option : **1**

Q.14 **A gives B a head-start of 10 seconds in a 1500 m race and both finish the race at the same time. What is the time taken by A (in minutes) to finish the race if speed of B is 6 m/s?**

Ans
✗ 1. 3
✓ 2. 4
✗ 3. 8
✗ 4. 5

Question ID : **26433063240**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 **Arrange the given ratios in descending order**
15 : 7, 5 : 11 and 21 : 77.

Ans
✗ 1. 21 : 77 > 5 : 11 > 15 : 7
✓ 2. 15 : 7 > 5 : 11 > 21 : 77
✗ 3. 15 : 7 > 21 : 77 > 5 : 11
✗ 4. 5 : 11 > 15 : 7 > 21 : 77

Question ID : **26433071274**
Status : **Answered**
Chosen Option : **2**

Q.16 **In an assembly election, a candidate got 60% of the total valid votes. 2% of the total votes were declared invalid. If the total number of voters is 1,50,000, then find the number of valid votes polled in favour of that candidate.**

Ans
✗ 1. 90,000
✗ 2. 78,000
✗ 3. 86,400
✓ 4. 88,200

Question ID : **26433065060**
Status : **Answered**
Chosen Option : **1**

Q.17 **A six-digit number 763254 is divisible by 18. If we subtract five times of 41 from the number, then the new number which is formed will be divisible by:**

Ans

✗ 1. 2

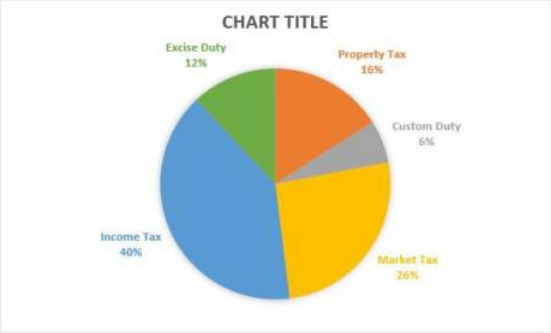
✓ 2. 7

✗ 3. 5

✗ 4. 3

Question ID : **26433064949**
Status : **Answered**
Chosen Option : **2**

Q.18 The following pie chart shows the distribution of income from different taxes. Study the chart and answer the question.



If the income from the market tax in a year is ₹260 crore, then the total income from other sources is : (in ₹ crore)

Ans

✗ 1. 540

✗ 2. 560

✓ 3. 740

✗ 4. 760

Question ID : **26433076289**
Status : **Answered**
Chosen Option : **3**

Q.19 The value of $6\frac{8}{15} \div \frac{7}{9}\ of\ \left(1\frac{1}{10} + 5\frac{1}{5}\right) + \frac{2}{5} \div 7\frac{1}{5}$ is:

Ans

✗ 1. $\frac{25}{16}$

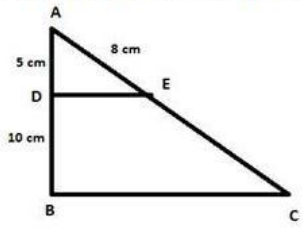
✗ 2. $\frac{5}{14}$

✓ 3. $\frac{25}{18}$

✗ 4. $\frac{5}{18}$

Question ID : **26433099293**
Status : **Answered**
Chosen Option : **3**

Q.20 In the given figure, DE || BC. If AD = 5 cm, DB = 10 cm, and AE = 8 cm, then AC is:



Ans
✔ 1. 24 cm
✘ 2. 32 cm
✘ 3. 8 cm
✘ 4. 16 cm

Question ID : **26433058923**
Status : **Answered**
Chosen Option : **4**

Q.21 What is the LCM of $a^3b - ab^3, a^3b^2 - a^2b^3, ab(a - b)$?

Ans
✘ 1. $a^2b^2(a^2 + b^2)$
✔ 2. $a^2b^2(a^2 - b^2)$
✘ 3. $a^2b^3(a^2 + b^2)$
✘ 4. $a^3b^2(a^2 - b^2)$

Question ID : **26433075788**
Status : **Answered**
Chosen Option : **2**

Q.22 **A hemispherical bowl of internal diameter 18 cm contains water. This water is to be filled in cylindrical bottles of diameter 6cm and height 3 cm. The number of bottles required to empty the bowl is:**

Ans
✘ 1. 3
✘ 2. 9
✘ 3. 6
✔ 4. 18

Question ID : **26433062655**
Status : **Answered**
Chosen Option : **4**

Q.23 **A retailer offers the following discount schemes for buyers on an item.**
i) Two successive discount of 15%
ii) A discount of 20% followed by a discount of 10%
iii) A discount of 30%
Under which scheme the selling price will be maximum?

Ans
✘ 1. ii
✘ 2. ii and iii
✘ 3. i and ii
✔ 4. i

Question ID : **26433074286**
Status : **Answered**
Chosen Option : **1**

Q.24 The total number of teachers in different subjects and the respective percentage of females among them in a school are given in the following table. Study the table and answer the following question.

Subject	Total number of teachers	Percentage of females
Hindi	50	80
English	40	90
Mathematics	60	35
Science	55	40
Commerce	30	50
Social Science	40	75

In which subject are the maximum number of teachers males?

Ans
✔ 1. Mathematics
✘ 2. Hindi
✘ 3. Commerce
✘ 4. English

Question ID : **26433073149**
Status : **Answered**
Chosen Option : **1**

Q.25 **The LCM of two numbers is 840 and their HCF is 7. If one of the numbers is 56, find the other.**

Ans
✘ 1. 120
✘ 2. 112
✔ 3. 105
✘ 4. 84

Question ID : **26433063667**
Status : **Answered**
Chosen Option : **3**

Q.26 Find the value of a in the following equation. (Given $a < 10$.)

$$\frac{(187 \div 17 \times a - 3 \times 3)}{(8^2 - 9 \times 7 + a^2)} = 1$$

Ans
✘ 1. 2
✔ 2. 1
✘ 3. 4
✘ 4. 3

Question ID : **26433061395**
Status : **Answered**
Chosen Option : **2**

Q.27 **Find the area of triangle whose sides are 10 cm, 12 cm, and 18 cm.**

Ans
✘ 1. $22\sqrt{2}\ \text{cm}^2$
✘ 2. $30\sqrt{2}\ \text{cm}^2$
✘ 3. $28\sqrt{2}\ \text{cm}^2$
✔ 4. $40\sqrt{2}\ \text{cm}^2$

Question ID : **26433075129**
Status : **Answered**
Chosen Option : **4**

Q.28 **A shopkeeper increases the selling price of an article by 15%. After increasing the selling price, he noticed that the profit percentage changed from 5% to 15%. The percentage increase in the cost price is:**

Ans

✗ 1. 20%

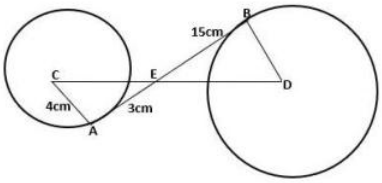
✗ 2. 10%

✗ 3. 15%

✓ 4. 5%

Question ID : **26433079930**
Status : **Not Answered**
Chosen Option : **--**

Q.29 AB is the common tangent to both circles as shown in the given figure. What is the distance between the centres of the circles?



Ans

✗ 1. 20 cm

✗ 2. 15 cm

✗ 3. 10 cm

✓ 4. 30 cm

Question ID : **26433079798**
Status : **Answered**
Chosen Option : **4**

Q.30 **24 men can complete a work in 15 days. How many men are needed to complete the same work in 10 days?**

Ans

✗ 1. 16

✗ 2. 20

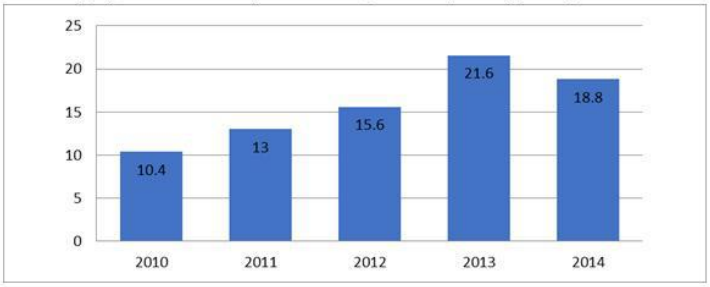
✓ 3. 36

✗ 4. 25

Question ID : **26433065098**
Status : **Answered**
Chosen Option : **3**

Q.31 Study the given bar-graph and answer the question that follows.

The bar-graph shows the export of rice (in ₹ lakh) during five years.



In how many years was the export of rice less than the average export for the five-year period?

Ans

✗ 1. 4

✗ 2. 1

✓ 3. 3

✗ 4. 2

Question ID : **26433075576**
Status : **Answered**
Chosen Option : **4**

Q.32 **The speed of a boat in still water is thrice the speed of the stream. If the boat takes 15.5 sec to go to a certain place downstream, then find the additional time required to cover the same distance travelling upstream.**

Ans

✓ 1. 15.5 sec

✗ 2. 29 sec

✗ 3. 31 sec

✗ 4. 35 sec

Question ID : **26433063798**
Status : **Answered**
Chosen Option : **3**

Q.33 **8 men and 12 women finish a job in 4 days. While 6 men and 14 women in 5 days. In how many days will 20 women finish the job?**

Ans

✗ 1. 10

✓ 2. 20

✗ 3. 30

✗ 4. 15

Question ID : **26433076208**
Status : **Answered**
Chosen Option : **2**

Q.34 **A thief, seeing a policeman from a distance of 120 metres, starts running at a speed of 7 km/h. The policeman chases immediately with a speed of 8 km/h and the thief is caught. What is the distance run by the thief?**

Ans

✗ 1. 820 m

✗ 2. 780 m

✓ 3. 840 m

✗ 4. 800 m

Question ID : **26433063955**
Status : **Not Answered**
Chosen Option : **--**

Q.35 One side of the triangle is 15 cm and the corresponding height is 6 cm, then area of the triangle is:

Ans
✗ 1. 46 sq.cm
✓ 2. 45 sq.cm
✗ 3. 47 sq.cm
✗ 4. 48 sq.cm

Question ID : **26433058275**
Status : **Answered**
Chosen Option : **2**

Q.36 By selling 24 items, a shopkeeper gains the selling price of 4 items. His gain percentage is:

Ans
✗ 1. $16\frac{1}{3}\%$
✓ 2. 20%
✗ 3. $33\frac{1}{3}\%$
✗ 4. $16\frac{2}{3}\%$

Question ID : **26433062633**
Status : **Answered**
Chosen Option : **4**

Q.37 If $\sqrt{1+\frac{x}{529}}=\frac{24}{23}$, then the value of x is:

Ans
✗ 1. 15
✗ 2. 27
✓ 3. 47
✗ 4. 30

Question ID : **26433066269**
Status : **Answered**
Chosen Option : **3**

Q.38 The area of the base of a cone is 616 cm^2. If its slant height is 20 cm, then what is the total surface area of the cone? [Use π = 22/7]

Ans
✗ 1. 1352 cm^2
✗ 2. 1296 cm^2
✓ 3. 1496 cm^2
✗ 4. 1524 cm^2

Question ID : **26433071348**
Status : **Answered**
Chosen Option : **3**

Q.39 The value of $\frac{\sin A}{\cot A+\operatorname{cosec} A}-\frac{\sin A}{\cot A-\operatorname{cosec} A}-1$ is:

Ans

✗ 1. $\frac{1}{2}$

✓ 2. 3

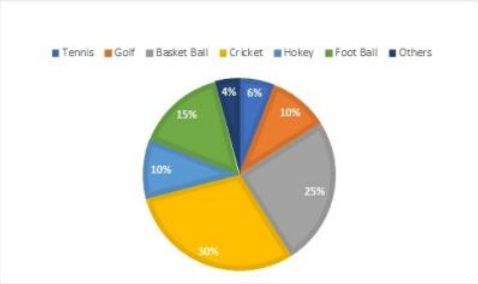
✗ 3. 0

✗ 4. 2

Question ID : **26433062671**
Status : **Answered**
Chosen Option : **4**

Q.40 The circle graph given here shows the spending of a country on various sports during a year. Study the graph carefully to answer the question.

Percentage of money spent on various sports for one year.



If the total amount spent during the year was ₹1,20,00,000, then how much was spent on Basket Ball?

Ans

✗ 1. ₹25,00,000

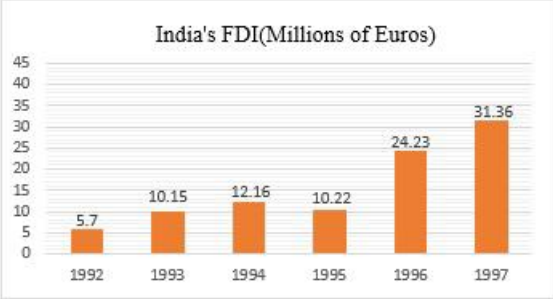
✗ 2. ₹10,00,000

✗ 3. ₹40, 00,000

✓ 4. ₹30,00,000

Question ID : **26433074238**
Status : **Answered**
Chosen Option : **4**

Q.41 The following bar chart shows the vends of foreign direct investment (FDI) into India from all over the world.



For which year is the per cent increase in FDI over the previous year the highest?

Ans
✗ 1. 1997
✗ 2. 1994
✓ 3. 1996
✗ 4. 1993

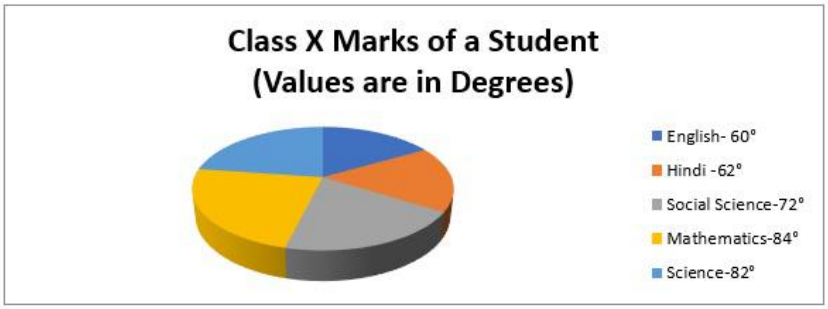
Question ID : **26433066384**
Status : **Answered**
Chosen Option : **3**

Q.42 **A hemispherical bowl of internal radius 6 cm contains a liquid. This liquid is to be filled into cylindrical shaped small bottles of diameter 2 cm and height 4 cm. How many bottles will be needed to empty the bowl?**

Ans
✗ 1. 32
✗ 2. 37
✗ 3. 38
✓ 4. 36

Question ID : **26433063810**
Status : **Answered**
Chosen Option : **4**

Q.43 The given chart shows the marks scored by a class X student in different subjects.



If the total marks are 1800, then find the difference between the marks scored in science and mathematics.

Ans
✗ 1. 2
✓ 2. 10
✗ 3. 1
✗ 4. 5

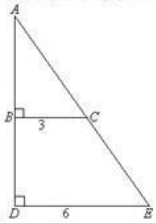
Question ID : **26433074345**
Status : **Answered**
Chosen Option : **2**

Q.44 If $\sin^2\theta = \cos^3\theta$, then the value of $(\cot^2\theta - \cot^6\theta)$ is:

Ans
✔ 1. -1
✘ 2. 0
✘ 3. 2
✘ 4. 1

Question ID : **26433058437**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.45 Study the given figure and answer the question that follows.



Find the length of AB in the given triangle, if it is given that the length of BD is 4 unit.

Ans
✘ 1. 3
✘ 2. 3.5
✘ 3. 2.5
✔ 4. 4

Question ID : **26433065311**
Status : **Answered**
Chosen Option : **4**

Q.46 What is the value of $12 - 8 \div 2 - \{16 \text{ of} (-2) + (3 \times 5 - 4)\}$?

Ans
✔ 1. 29
✘ 2. 45
✘ 3. 1
✘ 4. 0

Question ID : **26433061184**
Status : **Answered**
Chosen Option : **1**

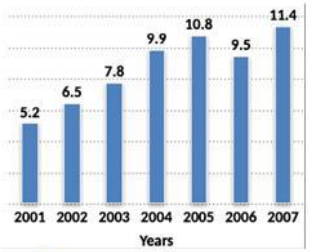
Q.47 What is the positive value of the following expression?

$$\sqrt{36 \div 15 \text{ of } 2 \text{ of } [25 \times 4 \div 4 \text{ of } \{29 - (8 - 11) \div (9 \times 5 \div 5 \text{ of } 3)\}]}$$

Ans
✘ 1. $1\frac{5}{6}$
✔ 2. $1\frac{1}{5}$
✘ 3. $2\frac{4}{5}$
✘ 4. $2\frac{3}{5}$

Question ID : **26433061878**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.48 The following bar graph describes the population of a town (in lakhs) from 2001 to 2007.



Find the percentage increase in population from 2006 to 2007.

Ans

✗ 1. 15%

✓ 2. 20%

✗ 3. 16%

✗ 4. 18%

Question ID : **26433075927**
Status : **Answered**
Chosen Option : **2**

Q.49 **On a certain sum of money lent out at 16% per annum, the difference between the compound interest for 1 year, payable half-yearly, and the simple interest for 1 year is Rs. 60. The sum is:**

Ans

✗ 1. Rs. 937.5

✗ 2. Rs. 9,000

✗ 3. Rs. 9,365

✓ 4. Rs. 9,375

Question ID : **26433064026**
Status : **Answered**
Chosen Option : **4**

Q.50 If $\sin A = \frac{1}{2}$, then the value of $(\tan A + \cos A)$ is:

Ans

✗ 1. $\frac{2}{3\sqrt{3}}$

✗ 2. $\frac{3}{2\sqrt{3}}$

✓ 3. $\frac{5}{2\sqrt{3}}$

✗ 4. $\frac{5}{3\sqrt{3}}$

Question ID : **26433058435**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Select the most appropriate synonym of the given word.**
Conjure

Ans
✔ 1. Appeal
✘ 2. Quiet
✘ 3. Appease
✘ 4. Content

Question ID : **26433059077**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Select the INCORRECTLY spelt word.**

Ans
✘ 1. Cushion
✘ 2. Scientist
✔ 3. Posthumusly
✘ 4. Laboratory

Question ID : **26433060417**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the option that expresses the given sentence in passive voice.**
Sugar tastes sweet.

Ans
✘ 1. Sugar is sweet when it has been tasted sweet.
✔ 2. Sugar is sweet when it is tasted.
✘ 3. Sugar is sweet when tastes.
✘ 4. Sugar is sweet when tasted.

Question ID : **26433058571**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Why should <u>I be suspect</u> by you?

Ans
✘ 1. I been suspected
✘ 2. I been suspect
✘ 3. I have been suspect
✔ 4. I be suspected

Question ID : **26433059675**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the most appropriate meaning of the underlined idiom in the following sentence.**

A wise man remains aware of <u>fair-weather friends</u>.

Ans
✘ 1. A person from an area of pleasant weather
✘ 2. A person with good knowledge of weather
✘ 3. A helpful person
✔ 4. A person not reliable in difficult time

Question ID : **26433072515**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.**
Sheila always went to get ice cream with her dad on Tuesdays.

Ans
✗ 1. had gotten
✗ 2. gone to get
✗ 3. went to got
✓ 4. No improvement required

Question ID : **26433060657**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the most appropriate phrase for the underlined segment in the given sentence.**

The judgment was rejected by the Chief Justice.

Ans
✗ 1. Seen through
✗ 2. Stand out
✓ 3. Set aside
✗ 4. Run in

Question ID : **26433072824**
Status : **Answered**
Chosen Option : **3**

Q.8 **Identify the sentence that correctly uses the indefinite article.**

Ans
✓ 1. A taco is a traditional Mexican dish consisting of a tortilla topped with a filling.
✗ 2. A taco is a traditional Mexican dish consisting of an tortilla topped with filling.
✗ 3. An taco is a traditional Mexican dish consisting of tortilla topped with filling.
✗ 4. A taco is traditional Mexican dish consisting of a tortilla topped with an filling.

Question ID : **26433059571**
Status : **Answered**
Chosen Option : **1**

Q.9 **Select the most appropriate meaning of the given idiom.**

To throw caution to the wind

Ans
✗ 1. To do something carefully
✗ 2. To do something with caution
✓ 3. To do something without worrying about the risk
✗ 4. To do something after thinking about the result

Question ID : **26433092864**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 **Select the INCORRECTLY spelt word.**

Ans
✓ 1. Whorle
✗ 2. Winch
✗ 3. Weird
✗ 4. Wench

Question ID : **26433060484**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the most appropriate synonym of the given word.**
Profit

Ans
✔ 1. Benefit
✘ 2. Debt
✘ 3. Payment
✘ 4. Loss

Question ID : **26433059786**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the most appropriate meaning of the underlined segment in the given sentence.**
Vishnu was a naughty little boy, but I couldn't help having a soft spot for him.

Ans
✘ 1. liking someone immediately
✘ 2. getting on extremely well with someone
✘ 3. doing something good for someone you have done something bad to in the past
✔ 4. feeling a lot of affection for one particular person, often without knowing why

Question ID : **26433059818**
Status : **Answered**
Chosen Option : **4**

Q.13 **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'.**

Sia is always afraid of loosing her favourite doll.

Ans
✔ 1. of losing
✘ 2. to loosing
✘ 3. No substitution required
✘ 4. for loosing

Question ID : **26433060074**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the most appropriate ANTONYM of the underlined word.**

The subordinates will vituperate us when they are irritated.

Ans
✘ 1. Blame
✘ 2. Abuse
✔ 3. Praise
✘ 4. Demean

Question ID : **26433055854**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the most appropriate ANTONYM of the underlined word.**

The penitent husband spends days at his wife's grave.

Ans
- ✔ 1. Unrepentant
- ✘ 2. Sorry
- ✘ 3. Penniless
- ✘ 4. Pertinent

Question ID : **26433058340**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the most appropriate synonym of the highlighted word.**
I was in a quandary whether to accept the proposal or not.

Ans
- ✘ 1. rage
- ✘ 2. reluctance
- ✔ 3. dilemma
- ✘ 4. sundry

Question ID : **26433058294**
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'.**

The application of the medicine seemed to lesson his pain.

Ans
- ✘ 1. No substitution required
- ✘ 2. lesion
- ✔ 3. lessen
- ✘ 4. lessoned

Question ID : **26433060064**
Status : **Answered**
Chosen Option : **3**

Q.18 **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'.**

The flames of the fire leap into the air.

Ans
- ✘ 1. No substitution required
- ✘ 2. leap in
- ✔ 3. leapt into
- ✘ 4. leaping into

Question ID : **26433060063**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **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'.**

With tear eyes, she said goodbye to her dear friend.

Ans
✔ 1. teary eyes
✘ 2. tear up eyes
✘ 3. No substitution required
✘ 4. tearing eyes

Question ID : **26433060060**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the most appropriate ANTONYM of the given word.**

Vigorous

Ans
✘ 1. Extreme
✔ 2. Delicate
✘ 3. Energetic
✘ 4. Hard

Question ID : **26433089723**
Status : **Answered**
Chosen Option : **2**

Q.21 **Select the most appropriate meaning of the given idiom.**

Be hard hit

Ans
✘ 1. An extreme struggle
✘ 2. To speak something unpleasant
✔ 3. Severely affected by something unpleasant
✘ 4. To hit someone hard

Question ID : **26433060900**
Status : **Answered**
Chosen Option : **3**

Q.22 **Select the most appropriate idiom from the following options that can substitute the underlined part of the given sentence.**
He is a disgrace to his family.

Ans
✘ 1. A fish out of water
✘ 2. A white elephant
✘ 3. A lone wolf
✔ 4. A black sheep

Question ID : **26433058499**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 **Select the most appropriate option to replace the underlined word in the given sentence.**

There is no reason for him to be angry.

Ans
✔ 1. logic
✘ 2. sanity
✘ 3. lucidity
✘ 4. argument

Question ID : **26433059995**
Status : **Answered**
Chosen Option : **1**

Q.24 **Select the option that can be used as a one-word substitute for the underlined words in the given sentence.**

Can you explain to the person hired to drive our car, my everyday schedule?

Ans
✘ 1. cardiologist
✘ 2. conductor
✔ 3. chauffeur
✘ 4. calligrapher

Question ID : **26433060676**
Status : **Answered**
Chosen Option : **3**

Q.25 **Select the most appropriate ANTONYM of the given word.**

Approximately

Ans
✔ 1. Exactly
✘ 2. Vaguely
✘ 3. Hourly
✘ 4. Truly

Question ID : **26433088766**
Status : **Answered**
Chosen Option : **1**

Q.26 **Select the INCORRECTLY spelt word.**

Ans
✘ 1. Conceive
✘ 2. Appropriate
✘ 3. Terminology
✔ 4. Beleive

Question ID : **26433060422**
Status : **Answered**
Chosen Option : **4**

Q.27 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

You must not <u>insists on help</u> people who don't want it.

Ans

✗ 1. insist for helping

✓ 2. insist on helping

✗ 3. insists of help

✗ 4. insist to help

Question ID : **26433060270**
Status : **Answered**
Chosen Option : **2**

Q.28 **Select the most appropriate synonym of the given word.**
Rebellious

Ans

✗ 1. Manageable

✓ 2. Unruly

✗ 3. Happy

✗ 4. Obedient

Question ID : **26433059790**
Status : **Answered**
Chosen Option : **2**

Q.29 **Select the option that can be used as a one-word substitute for the given group of words.**

One who is bad in spellings

Ans

✓ 1. Cacographer

✗ 2. Photographer

✗ 3. Choreographer

✗ 4. Chauvinist

Question ID : **26433059705**
Status : **Answered**
Chosen Option : **1**

Q.30 **Select the most appropriate meaning of the underlined idiom.**
It is wise to <u>sit on the fence</u> and not become a party to another World War.

Ans

✓ 1. A person's lack of decisiveness, neutrality or hesitance to choose between two sides in an argument or a competition

✗ 2. Overtaking the thing of interest that the other parties are fighting for while they are fighting

✗ 3. Defending the no man's land

✗ 4. Become a peacemaker between two fighting or competing parties.

Question ID : **26433060184**
Status : **Answered**
Chosen Option : **1**

Q.31 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
The child was irritable / because she had not / soundly slept / the previous night.

Ans
✔ 1. soundly slept
✘ 2. The child was irritable
✘ 3. the previous night
✘ 4. because she had not

Question ID : **26433060125**
Status : **Answered**
Chosen Option : **2**

Q.32 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

She has checked everything she needs <u>before started work.</u>

Ans
✘ 1. before starts work
✘ 2. before start to working
✘ 3. before start working
✔ 4. before starting work

Question ID : **26433060276**
Status : **Answered**
Chosen Option : **4**

Q.33 **Select the INCORRECTLY spelt word.**

Ans
✘ 1. Difficulty
✘ 2. Thesaurus
✘ 3. Dictionary
✔ 4. Dinoshauraus

Question ID : **26433065138**
Status : **Answered**
Chosen Option : **4**

Q.34 **Select the most appropriate synonym of the underlined word in the given sentence.**
Pankaj always tries his best to uphold the <u>reputation</u> of his institution.

Ans
✘ 1. opinion
✘ 2. position
✔ 3. prestige
✘ 4. growth

Question ID : **26433058589**
Status : **Answered**
Chosen Option : **3**

Q.35 **Select the most appropriate synonym of the given word.**

Indignation

Ans
✔ 1. Offense
✘ 2. Designation
✘ 3. Resignation
✘ 4. Defence

Question ID : **26433055860**
Status : **Marked For Review**
Chosen Option : **2**

Q.36 **Select the most appropriate meaning of the given idiom.**

In a nutshell

Ans
✔ 1. Briefly
✘ 2. Constructively
✘ 3. Scrupulously
✘ 4. Knotty

Question ID : **26433060310**
Status : **Answered**
Chosen Option : **1**

Q.37 **Select the most appropriate ANTONYM of the given word.**

Amateur

Ans
✘ 1. Hospitable
✘ 2. Pupil
✘ 3. Scholar
✔ 4. Professional

Question ID : **26433088765**
Status : **Answered**
Chosen Option : **4**

Q.38 **Select the most appropriate meaning of the given idiom.**

Go round in circles

Ans
✘ 1. Be forced to explain your actions and probably be punished
✔ 2. Make no progress in an argument or discussion
✘ 3. Become very confused when you are trying to explain something
✘ 4. Believe something good about someone even though you could believe either good or bad

Question ID : **26433059767**
Status : **Answered**
Chosen Option : **2**

Q.39 **Select the INCORRECTLY spelt word.**

Ans
✘ 1. Frieze
✘ 2. Fortunate
✘ 3. Funereal
✔ 4. Fortuiteous

Question ID : **26433060480**
Status : **Answered**
Chosen Option : **3**

Q.40 **Select the most appropriate idiom for the underlined segment in the given sentence.**

I <u>took a quick trip</u> to my cousin's house before going on vacation to Africa.

Ans
✘ 1. Break the journey
✔ 2. Paid a flying visit
✘ 3. Lived out of a suitcase
✘ 4. Float one's boat

Question ID : **26433072818**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the given passage and answer the questions that follow.
Key factors influencing subway air pollution will include station depth, date of construction, type of ventilation (natural/air conditioning), types of brakes (electromagnetic or conventional brake pads) and wheels (rubber or steel) used on the trains, train frequency and more recently the presence or absence of platform screen-door systems.
In particular, much subway particulate matter is sourced from moving train parts such as wheels and brake pads, as well as from the steel rails and power-supply materials, making the particles dominantly iron-containing.
To date, there is no clear epidemiological indication of abnormal health effects on underground workers and commuters. New York subway workers have been exposed to such air without significant observed impacts on their health, and no increased risk of lung cancer was found among subway train drivers in the Stockholm subway system.
But a note of caution is struck by the observations of scholars who found that employees working on the platforms of Stockholm underground, where PM concentrations were greatest, tended to have higher levels of risk markers for cardiovascular disease than ticket sellers and train drivers.
The dominantly ferrous particles are mixed with particles from a range of other sources, including rock ballast from the track, biological aerosols such as bacteria and viruses, and air from the outdoors, and driven through the tunnel system on turbulent air currents generated by the trains themselves and ventilation systems.

SubQuestion No : 41

Q.41 What is the passage about?

Ans
✗ 1. Metro life and the subway facilities
✗ 2. The benefits of subway life
✓ 3. The risky life in the subways
✗ 4. Pollution created by the railroad

Question ID : **26433091387**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.
Key factors influencing subway air pollution will include station depth, date of construction, type of ventilation (natural/air conditioning), types of brakes (electromagnetic or conventional brake pads) and wheels (rubber or steel) used on the trains, train frequency and more recently the presence or absence of platform screen-door systems.
In particular, much subway particulate matter is sourced from moving train parts such as wheels and brake pads, as well as from the steel rails and power-supply materials, making the particles dominantly iron-containing.
To date, there is no clear epidemiological indication of abnormal health effects on underground workers and commuters. New York subway workers have been exposed to such air without significant observed impacts on their health, and no increased risk of lung cancer was found among subway train drivers in the Stockholm subway system.
But a note of caution is struck by the observations of scholars who found that employees working on the platforms of Stockholm underground, where PM concentrations were greatest, tended to have higher levels of risk markers for cardiovascular disease than ticket sellers and train drivers.
The dominantly ferrous particles are mixed with particles from a range of other sources, including rock ballast from the track, biological aerosols such as bacteria and viruses, and air from the outdoors, and driven through the tunnel system on turbulent air currents generated by the trains themselves and ventilation systems.

SubQuestion No : 42

Q.42 Inferring from passage, what is the most practical way of reducing the health risk of subway life?

Ans
✗ 1. Wearing face masks during journey
✗ 2. Opting for other transportation modes
✗ 3. Reducing subway commutation
✓ 4. Generating ventilation systems

Question ID : **26433091391**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.
Key factors influencing subway air pollution will include station depth, date of construction, type of ventilation (natural/air conditioning), types of brakes (electromagnetic or conventional brake pads) and wheels (rubber or steel) used on the trains, train frequency and more recently the presence or absence of platform screen-door systems.
In particular, much subway particulate matter is sourced from moving train parts such as wheels and brake pads, as well as from the steel rails and power-supply materials, making the particles dominantly iron-containing.
To date, there is no clear epidemiological indication of abnormal health effects on underground workers and commuters. New York subway workers have been exposed to such air without significant observed impacts on their health, and no increased risk of lung cancer was found among subway train drivers in the Stockholm subway system.
But a note of caution is struck by the observations of scholars who found that employees working on the platforms of Stockholm underground, where PM concentrations were greatest, tended to have higher levels of risk markers for cardiovascular disease than ticket sellers and train drivers.
The dominantly ferrous particles are mixed with particles from a range of other sources, including rock ballast from the track, biological aerosols such as bacteria and viruses, and air from the outdoors, and driven through the tunnel system on turbulent air currents generated by the trains themselves and ventilation systems.

SubQuestion No : 43

Q.43 What is the tone of the speaker?

Ans
✔ 1. Serious
✘ 2. Pessimistic
✘ 3. Joyful
✘ 4. Informal

Question ID : **26433091390**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follow.
Key factors influencing subway air pollution will include station depth, date of construction, type of ventilation (natural/air conditioning), types of brakes (electromagnetic or conventional brake pads) and wheels (rubber or steel) used on the trains, train frequency and more recently the presence or absence of platform screen-door systems.
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But a note of caution is struck by the observations of scholars who found that employees working on the platforms of Stockholm underground, where PM concentrations were greatest, tended to have higher levels of risk markers for cardiovascular disease than ticket sellers and train drivers.
The dominantly ferrous particles are mixed with particles from a range of other sources, including rock ballast from the track, biological aerosols such as bacteria and viruses, and air from the outdoors, and driven through the tunnel system on turbulent air currents generated by the trains themselves and ventilation systems.

SubQuestion No : 44

Q.44 Which of the following diseases is found commonly among workers in underground subways?

Ans
✘ 1. Abdominal
✔ 2. Cardiovascular
✘ 3. Renal
✘ 4. Pulmonary

Question ID : **26433091388**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the given passage and answer the questions that follow.
Key factors influencing subway air pollution will include station depth, date of construction, type of ventilation (natural/air conditioning), types of brakes (electromagnetic or conventional brake pads) and wheels (rubber or steel) used on the trains, train frequency and more recently the presence or absence of platform screen-door systems.
In particular, much subway particulate matter is sourced from moving train parts such as wheels and brake pads, as well as from the steel rails and power-supply materials, making the particles dominantly iron-containing.
To date, there is no clear epidemiological indication of abnormal health effects on underground workers and commuters. New York subway workers have been exposed to such air without significant observed impacts on their health, and no increased risk of lung cancer was found among subway train drivers in the Stockholm subway system.
But a note of caution is struck by the observations of scholars who found that employees working on the platforms of Stockholm underground, where PM concentrations were greatest, tended to have higher levels of risk markers for cardiovascular disease than ticket sellers and train drivers.
The dominantly ferrous particles are mixed with particles from a range of other sources, including rock ballast from the track, biological aerosols such as bacteria and viruses, and air from the outdoors, and driven through the tunnel system on turbulent air currents generated by the trains themselves and ventilation systems.

SubQuestion No : 45

Q.45 Select the most suitable word from the passage which means 'not covered or hidden'.

Ans
✗ 1. Turbulent
✗ 2. Sourced
✗ 3. Abnormal
✓ 4. Exposed

Question ID : **26433091389**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is indeed (1) _____ to create an urban forest to control air pollution. It is like a child's play if (2)_____ awareness is created among people of all ages. Just (3)_____ a mango seed or a jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy season. Authorities must take (4)_____ measures to ensure a part of the town or city is allocated to plant trees. This ensures the (5)_____ of adequate oxygen to people.

SubQuestion No : 46

Q.46 Select the most appropriate option to fill in blank number 1.

Ans
✗ 1. difficult
✗ 2. impossible
✓ 3. easy
✗ 4. impractical

Question ID : **26433060383**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is indeed (1) _____ to create an urban forest to control air pollution. It is like a child's play if (2)_____ awareness is created among people of all ages. Just (3)_____ a mango seed or a jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy season. Authorities must take (4)_____ measures to ensure a part of the town or city is allocated to plant trees. This ensures the (5)_____ of adequate oxygen to people.

SubQuestion No : 47

Q.47 Select the most appropriate option to fill in blank number 2.

Ans
✗ 1. quite
✗ 2. much
✗ 3. few
✓ 4. adequate

Question ID : **26433060384**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is indeed (1) _____ to create an urban forest to control air pollution. It is like a child's play if (2)_____ awareness is created among people of all ages. Just (3)_____ a mango seed or a jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy season. Authorities must take (4)_____ measures to ensure a part of the town or city is allocated to plant trees. This ensures the (5)_____ of adequate oxygen to people.

SubQuestion No : 48

Q.48 Select the most appropriate option to fill in blank number 3.

Ans
✗ 1. pick
✓ 2. throw
✗ 3. pull
✗ 4. peel

Question ID : **26433060385**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is indeed (1) _____ to create an urban forest to control air pollution. It is like a child's play if (2)_____ awareness is created among people of all ages. Just (3)_____ a mango seed or a jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy season. Authorities must take (4)_____ measures to ensure a part of the town or city is allocated to plant trees. This ensures the (5)_____ of adequate oxygen to people.

SubQuestion No : 49

Q.49 Select the most appropriate option to fill in blank number 4.

Ans
✓ 1. necessary
✗ 2. time-consuming
✗ 3. lethargic
✗ 4. glamorous

Question ID : **26433060386**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is indeed (1) _____ to create an urban forest to control air pollution. It is like a child's play if (2)_____ awareness is created among people of all ages. Just (3)_____ a mango seed or a jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy season. Authorities must take (4)_____ measures to ensure a part of the town or city is allocated to plant trees. This ensures the (5)_____ of adequate oxygen to people.

SubQuestion No : 50

Q.50 Select the most appropriate option to fill in blank number 5.

Ans

✔ 1. availability

✘ 2. shortage

✘ 3. lack

✘ 4. mix

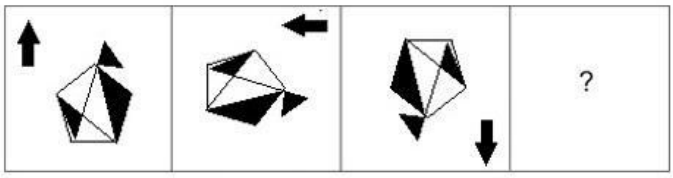
Question ID : **26433060387**
Status : **Answered**
Chosen Option : **1**

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	11/11/2022
Exam Time	4:00 PM - 6:00 PM
Subject	SICPO Paper I 2022

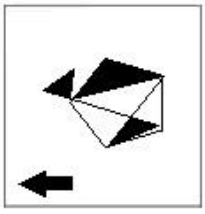
Section : **General Intelligence and Reasoning**

Q.1 Select the figure that will replace the question mark (?) in the following figure series.

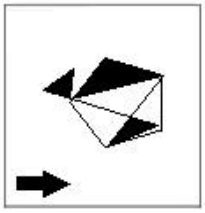


Ans

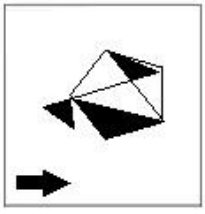
✗ 1.



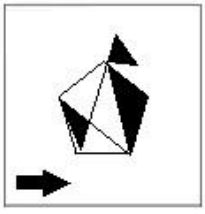
✓ 2.



✗ 3.

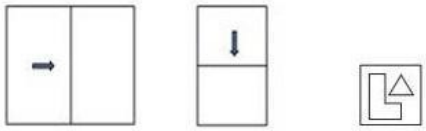


✗ 4.

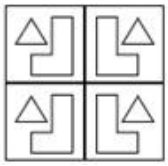


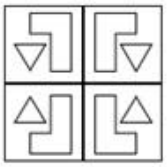
Question ID : **26433070427**
Status : **Answered**
Chosen Option : **2**

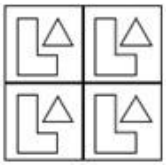
Q.2 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

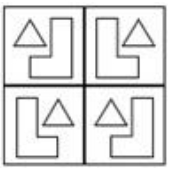


Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433068396**
Status : **Answered**
Chosen Option : **4**

Q.3 **A # B means 'A is the father of B'.**
A @ B means 'A is the daughter of B'.
A & B means 'A is the sister of B'.
A % B means 'A is the wife of B'.
If W # Q @ T & Y @ M % K, then how is K related to T?

Ans
✗ 1. Father-in-law

✓ 2. Father

✗ 3. Brother-in-law

✗ 4. Brother

Question ID : **26433079495**
Status : **Answered**
Chosen Option : **2**

Q.4 **Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.**

Ans
✗ 1. JPN

✗ 2. MSQ

✓ 3. CJI

✗ 4. QWU

Question ID : **26433057214**
Status : **Answered**
Chosen Option : **3**

Q.5 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

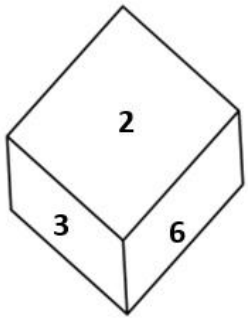


Figure 1

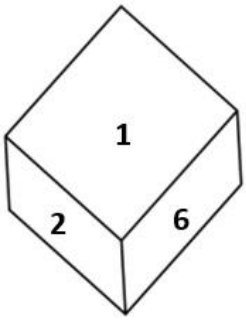


Figure 2

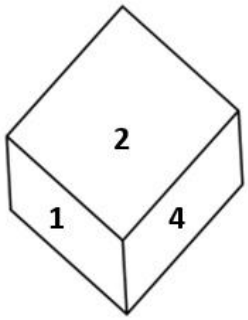


Figure 3

Ans
✗ 1. 2
✗ 2. 6
✓ 3. 3
✗ 4. 5

Question ID : **26433069062**
Status : **Answered**
Chosen Option : **3**

Q.6 **Which of the following numbers will replace the question mark (?) in the given series?**
30, 39, 55, 76, ?

Ans
✗ 1. 97
✓ 2. 100
✗ 3. 87
✗ 4. 91

Question ID : **26433067636**
Status : **Answered**
Chosen Option : **2**

Q.7 **In a certain code language, LUCKNOW is written as 6 and PATANA is written as 5. How will RAJASTHAN be written in that language?**

Ans
✓ 1. 8
✗ 2. 7
✗ 3. 9
✗ 4. 6

Question ID : **26433056035**
Status : **Answered**
Chosen Option : **1**

Q.8 **Prince drives 6 km towards east from point A and takes a right turn and drives 3 km. He again takes a right turn and drives 8 km. He takes one more right turn and drives 3 km to reach point B. How far and towards which direction should he drive in order to reach point A again?**

Ans
- ✗ 1. 4 km towards west
- ✗ 2. 2 km towards north
- ✓ 3. 2 km towards east
- ✗ 4. 4 km towards south

Question ID : **26433068270**
Status : **Answered**
Chosen Option : **3**

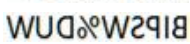
Q.9 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.**
R _ S _ _ _ S G R T _ G _ T S _

Ans
- ✗ 1. G T R T S G R
- ✗ 2. R G T R S R G
- ✗ 3. T G R S T R G
- ✓ 4. T G R T S R G

Question ID : **26433056782**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



Ans
- ✗ 1. 
- ✗ 2. 
- ✓ 3. 
- ✗ 4. 

Question ID : **26433068728**
Status : **Answered**
Chosen Option : **3**

Q.11 **Six students are sitting around a circular table facing the centre. A is an immediate neighbour of D and E. C is an immediate neighbour of D and F. F is an immediate neighbour of C and B. Who is the immediate neighbour of both A and B?**

Ans
- ✗ 1. F
- ✗ 2. D
- ✓ 3. E
- ✗ 4. C

Question ID : **26433056042**
Status : **Answered**
Chosen Option : **3**

Q.12 If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation?
94 A 16 B 3 C 86 A 14 D 7 = ?

Ans
1. 48
2. 58
3. 62
4. 51

Question ID : **26433057624**
Status : **Answered**
Chosen Option : **2**

Q.13 Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All queens are kings.
Some kings are aces.
Conclusions:
I. Some kings are queens.
II. All queens are aces.

Ans
1. Only conclusion II follows.
2. Neither conclusion I nor II follows
3. Only conclusion I follows.
4. Both conclusions I and II follow.

Question ID : **26433056054**
Status : **Answered**
Chosen Option : **3**

Q.14 Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All bowls are spoons.
All spoons are plates.
Conclusions:
I. Some plates are bowls.
II. Some plates are spoons.

Ans
1. Neither conclusion I nor II follows.
2. Both conclusions I and II follow.
3. Only conclusion II follows.
4. Only conclusion I follows.

Question ID : **26433069156**
Status : **Answered**
Chosen Option : **2**

Q.15 Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster.

Ans
1. TRNH
2. OMIC
3. RPLF
4. WTPK

Question ID : **26433065658**
Status : **Answered**
Chosen Option : **4**

Q.16 In a code language, 'sky is blue' is written as 'mud pot sum', 'i like blue' is written as 'mud man log', and 'I am sky' is written as 'man red pot'.What is the code for the word 'is' in this language?

Ans
✔ 1. sum
✘ 2. mud
✘ 3. red
✘ 4. man

Question ID : **26433056269**
Status : **Answered**
Chosen Option : **1**

Q.17 Which of the following numbers will replace the question mark (?) in the given series?

118, 93, 76, 67, 62, ?

Ans
✘ 1. 59
✘ 2. 60
✔ 3. 61
✘ 4. 58

Question ID : **26433057338**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the option that represents the letters which when sequentially placed from left to right in the blanks below will complete the letter series.
S _ G _ M _ A G E _ S _ _ E O S A G _ _

Ans
✘ 1. A E T N A G E P
✘ 2. A F T N A H F P
✘ 3. A F T N A H E P
✔ 4. A E S N A G E P

Question ID : **26433067544**
Status : **Answered**
Chosen Option : **4**

Q.19 In a code language, 'PARENT' is written as '11, 26, 9, 22, 13, 7' and 'DUMPSTER' is written as '23, 6, 14, 11, 8, 7, 22, 9'. How will 'FLASK' be written in that language?

Ans
✘ 1. 16, 8, 26, 15, 21
✘ 2. 21, 15, 8, 26, 16
✘ 3. 16, 8, 15, 26, 21
✔ 4. 21, 15, 26, 8, 16

Question ID : **26433056273**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(112, 210, 308)
(84, 182, 280)

Ans
✗ 1. (313, 411, 512)
✗ 2. (112, 212, 300)
✗ 3. (424, 536, 638)
✓ 4. (236, 334, 432)

Question ID : **26433057440**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
(44 * 3) * 9 * 89 * (174 * 29) * 58

Ans
✗ 1. ÷, −, =, −, ×, −
✗ 2. +, ÷, +, =, −, ×
✗ 3. ×, +, =, +, ×, ÷
✓ 4. ×, +, =, −, ÷, +

Question ID : **26433057658**
Status : **Answered**
Chosen Option : **4**

Q.22 **Which letter-cluster will replace the question mark (?) to complete the given series?**
QKYF, NIUA, ?, HEMQ, ECIL

Ans
✗ 1. KGRV
✗ 2. KHQV
✓ 3. KGQV
✗ 4. KGRW

Question ID : **26433067962**
Status : **Answered**
Chosen Option : **3**

Q.23 Select the figure that will come next in the following figure series.



Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

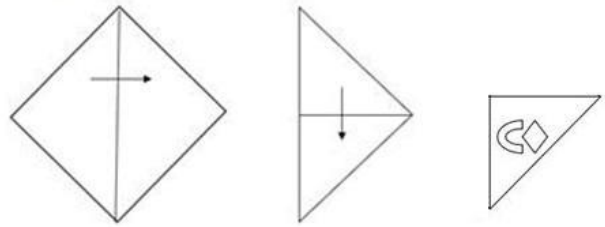
Question ID : **26433090225**
Status : **Answered**
Chosen Option : **4**

Q.24 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.**
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
Fix : Break

Ans
✗ 1. Anger : Enrage
✓ 2. Sweet : Bitter
✗ 3. Lazy : Inert
✗ 4. Start : Begin

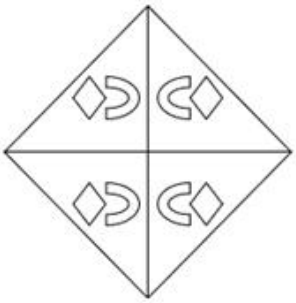
Question ID : **26433091420**
Status : **Answered**
Chosen Option : **2**

Q.25 A paper is folded and cut as shown below. How will it appear when unfolded?

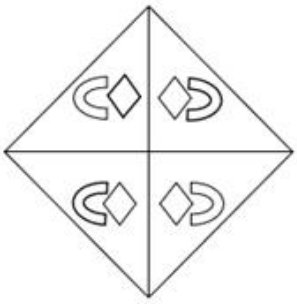


Ans

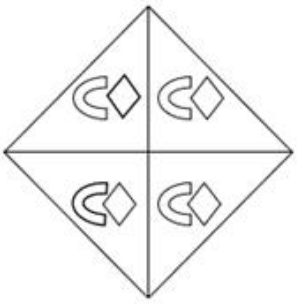
✔ 1.



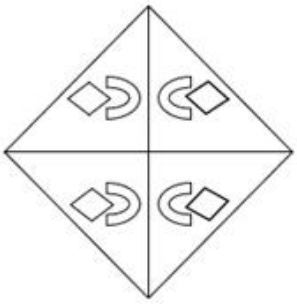
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433057532**
Status : **Answered**
Chosen Option : **1**

Q.26 **Select the set in which the numbers are related in the same way as are the numbers of the given sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(16, 9, 154)
(13, 7, 101)

Ans
✔ 1. (12, 5, 70)
✘ 2. (10, 7, 81)
✘ 3. (15, 6, 110)
✘ 4. (11, 8, 99)

Question ID : **26433057075**
Status : **Answered**
Chosen Option : **1**

Q.27 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
273 : 21 :: 221 : ? :: 364 : 28

Ans
✘ 1. 12
✘ 2. 20
✘ 3. 26
✔ 4. 17

Question ID : **26433057567**
Status : **Answered**
Chosen Option : **4**

Q.28 **If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation?**
22 B 2 A 81 D 3 C 16 = ?

Ans
✘ 1. 52
✘ 2. 50
✔ 3. 55
✘ 4. 57

Question ID : **26433057614**
Status : **Answered**
Chosen Option : **3**

Q.29 Select the option figure in which the given figure is embedded (rotation is NOT allowed).



Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433057372**
Status : **Marked For Review**
Chosen Option : **4**

Q.30 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Moulder
2.Mother
3.Motet
4.Moth
5.Motif

Ans

✓ 1. 3, 4, 2, 5, 1

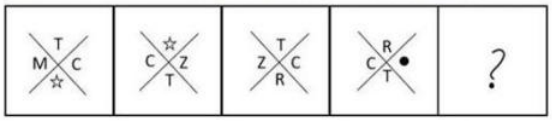
✗ 2. 4, 2, 5, 3, 1

✗ 3. 5, 3, 1, 4, 2

✗ 4. 2, 5, 3, 1, 4

Question ID : **26433067236**
Status : **Answered**
Chosen Option : **1**

Q.31 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✗ 1.



✔ 2.



✗ 3.



✗ 4.



Question ID : **26433056833**
Status : **Not Answered**
Chosen Option : **--**

Q.32 **Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

Statements:
Some coins are notes.
Some notes are bills.

Conclusions:
I. No coin is a bill.
II. All notes being coins is a possibility.

Ans

✗ 1. Both conclusions I and II follow

✗ 2. Only conclusion I follows

✔ 3. Only conclusion II follows

✗ 4. Neither conclusion I nor II follows

Question ID : **26433055226**
Status : **Answered**
Chosen Option : **3**

Q.33 Which of the following numbers will replace the question mark (?) in the given series?
6, 48, 24, 192, 96, ?

Ans
✔ 1. 768
✘ 2. 48
✘ 3. 384
✘ 4. 758

Question ID : **26433057343**
Status : **Answered**
Chosen Option : **1**

Q.34 If $ means +, # means −, @ means ×, and % means ÷, then what will be the value of the following expression?
32 $ 8 @ 10 # 144 % 16 = ?

Ans
✘ 1. 100
✘ 2. 102
✘ 3. 101
✔ 4. 103

Question ID : **26433082771**
Status : **Answered**
Chosen Option : **4**

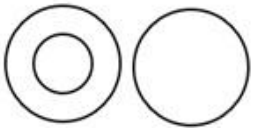
Q.35 Arrange the following farming processes in a logical and meaningful order.
1.Winnowing
2.Sowing
3.Threshing
4.Harvesting
5.Ploughing

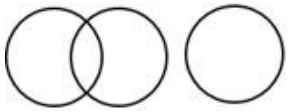
Ans
✘ 1. 2,1,4,3,5
✘ 2. 5,2,4,1,3
✔ 3. 5,2,4,3,1
✘ 4. 2,4,1,3,5

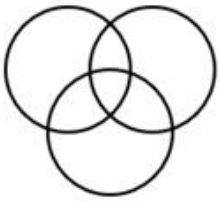
Question ID : **26433067967**
Status : **Answered**
Chosen Option : **2**

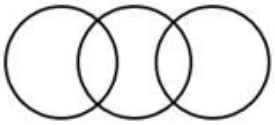
Q.36 **Select the Venn diagram that best illustrates the relationship between the following classes.**
Man, Sister, Father

Ans

✔ 1. 

✗ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433067225**
Status : **Answered**
Chosen Option : **1**

Q.37 **Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?**
JPG, FLC, BHY, XDU, ?

Ans

✗ 1. SQZ

✗ 2. TQZ

✔ 3. TZQ

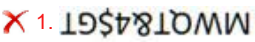
✗ 4. SZQ

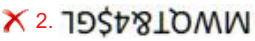
Question ID : **26433056072**
Status : **Answered**
Chosen Option : **3**

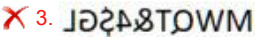
Q.38 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

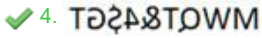


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✔ 4. 

Question ID : **26433068727**
Status : **Answered**
Chosen Option : **4**

Q.39 Mohan is at the railway station of a certain district. He wants to reach the nearest bus stand. He walked 120 m towards the east, took a right turn and walked another 100 m. He then took a left turn and walked 30 m. Again, he took a left turn and walked 140 m, where he met his friend and had a conversation. From there, he, finally took a left turn and walked 150 m to reach the bus stand. How far and in which direction is the bus stand from the railway station?

Ans
✗ 1. 40 m, North-East
✗ 2. 40 m, South
✗ 3. 140 m, North
✓ 4. 40 m, North

Question ID : **26433057304**
Status : **Answered**
Chosen Option : **4**

Q.40 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(12, 125, 17)
(8, 27, 11)

Ans
✗ 1. (11, 32, 15)
✓ 2. (19, 216, 25)
✗ 3. (17, 16, 19)
✗ 4. (9, 216, 16)

Question ID : **26433067926**
Status : **Answered**
Chosen Option : **2**

Q.41 If A denotes '+', B denotes '×', C denotes '−', and D denotes '÷', then what will be the value of the following expression?
2 B 12 D 4 A 16 C 7

Ans
✓ 1. 15
✗ 2. 12
✗ 3. 13
✗ 4. 14

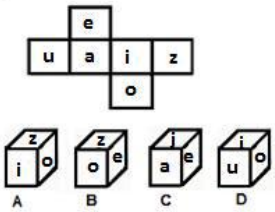
Question ID : **26433068707**
Status : **Answered**
Chosen Option : **1**

Q.42 Eight relatives, P, Q, R, S, T, V, W and Y are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of four sides, all of them facing the centre of the square.
P sits third to the left of V. R is not an immediate neighbour of V. Only one person sits between V and W. S sits second to the right of Q. R is not an immediate neighbour of P.
T sits second left of P.
Who sits fourth to the right of P?

Ans
✗ 1. V
✗ 2. T
✓ 3. S
✗ 4. R

Question ID : **26433081998**
Status : **Answered**
Chosen Option : **1**

Q.43 If the given sheet is folded to form a cube, which of the given figures are possible?
(The letters are shown to indicate the sides only.)



Ans
✔ 1. Only A and C
✘ 2. Only B and C
✘ 3. Only A, C and D
✘ 4. Only C and D

Question ID : **26433065668**
Status : **Answered**
Chosen Option : **3**

Q.44 **In a certain code language, 'GRANTED' is written as 'HPBLUCE' and 'FRAGMENT' is written as 'GPBENCOR'. How will 'IGNORE' be written in that language?**

Ans
✘ 1. JFMPSC
✘ 2. JIOQTG
✘ 3. KHLNPC
✔ 4. JEOMSC

Question ID : **26433056207**
Status : **Answered**
Chosen Option : **4**

Q.45 **Which two signs should be interchanged to make the given equation correct?**

551 ÷ 19 - 16 × 12 + 121 = 100

Ans
✘ 1. - and ×
✘ 2. + and ×
✘ 3. ÷ and ×
✔ 4. + and -

Question ID : **26433059949**
Status : **Answered**
Chosen Option : **4**

Q.46 **Select the number from among the given options that can replace the question mark (?) in the following series.**
53, 69, 86, 104, 120, ?, 155

Ans
✘ 1. 140
✘ 2. 131
✘ 3. 132
✔ 4. 137

Question ID : **26433057025**
Status : **Answered**
Chosen Option : **4**

Q.47 **'A & Z' means 'A is the father of Z'.**
'A × Z' means 'A is the sister of Z'.
'A # Z' means 'A is the mother of Z'.
'A $ Z' means 'A is the daughter of Z'.
'A % Z' means 'A is the son of Z'.
'A @ Z' means 'A is the daughter-in-law of Z'.
How is V related to S in the following expression?
S $ T # W & U % × @ V

Ans
✗ 1. Brother
✗ 2. Son
✗ 3. Uncle
✓ 4. Father

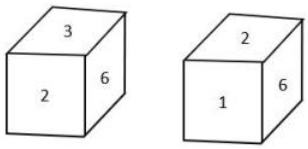
Question ID : **26433057295**
Status : **Not Answered**
Chosen Option : **--**

Q.48 **Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.**
E25I : A5E : : Z49T : V7P : : P144K : ?

Ans
✗ 1. L12H
✓ 2. L12G
✗ 3. L14G
✗ 4. L13G

Question ID : **26433056671**
Status : **Answered**
Chosen Option : **2**

Q.49 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing 1.



Ans
✗ 1. 5
✗ 2. 4
✗ 3. 6
✓ 4. 3

Question ID : **26433068029**
Status : **Answered**
Chosen Option : **4**

Q.50 **If × means +, + means −, − means ÷, ÷ means ×, what will come in place of the question mark (?)?**
15 ÷ 5 × 36 – 6 + 14 = ?

Ans
✗ 1. 116
✗ 2. 108
✗ 3. 84
✓ 4. 67

Question ID : **26433068114**
Status : **Answered**
Chosen Option : **4**

Section : **General Knowledge and General Awareness**

Q.1 **The detention of a person cannot exceed _____ unless an advisory board consisting of judges of a High Court reports sufficient cause for extended detention.**

Ans

✗ 1. one month

✓ 2. three months

✗ 3. six months

✗ 4. two months

Question ID : **26433072913**
Status : **Answered**
Chosen Option : **2**

Q.2 **Which of the following pair of industry – location is correct?**
I. Iron and steel plant – Bhilai
II. Cotton textile – Lucknow

Ans

✗ 1. Only II

✗ 2. Neither I nor II

✗ 3. Only I

✓ 4. Both I and II

Question ID : **26433055310**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Which Article of the Constitution of India deals with the Sessions of the Parliament?**

Ans

✓ 1. Article 85

✗ 2. Article 89

✗ 3. Article 90

✗ 4. Article 101

Question ID : **26433064726**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Which of the following pairs is NOT correctly matched?**

Ans

✗ 1. Duck - Cricket

✓ 2. Blue Line - Badminton

✗ 3. Deuce - Tennis

✗ 4. Free Throw - Volleyball

Question ID : **26433071381**
Status : **Answered**
Chosen Option : **2**

Q.5 **Who among the following is associated with the Tabla?**

Ans

✗ 1. Pannalal Ghosh

✗ 2. Ronu Majumdar

✗ 3. Doreswamy Iyengar

✓ 4. Alla Rakha Khan

Question ID : **26433054396**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Who among the following Moroccan travellers came to India during the reign of Muhammad bin Tughlaq?**

Ans
1. Abd-al-Razzaq
2. Al Masudi
3. Suleiman al-Tajiri
4. Ibn Battuta

Question ID : **26433071395**
Status : **Answered**
Chosen Option : **4**

Q.7 **With which of the following Indian states is the cultural festival of Bhagoriya associated?**

Ans
1. West Bengal
2. Bihar
3. Madhya Pradesh
4. Uttar Pradesh

Question ID : **26433064667**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Which of the following intermolecular is also called as London force?**

Ans
1. Dispersion Forces
2. Dipole–Induced Dipole Forces
3. Dipole - Dipole Forces
4. Hydrogen bond forces

Question ID : **26433058996**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **With which of the following Indian states is the cultural festival of Shad Suk Mynsiem associated?**

Ans
1. Meghalaya
2. Assam
3. Odisha
4. Goa

Question ID : **26433064669**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Which of the following statements is correct regarding fuse wire?**

Ans
1. It has a low melting point and low conductivity.
2. It has a high melting point and low conductivity.
3. It has a low melting point and high conductivity.
4. It has a high melting point and high conductivity.

Question ID : **26433054007**
Status : **Answered**
Chosen Option : **3**

Q.11 In which year was the Jammu and Kashmir Legislative Council abolished?

Ans
✔ 1. 2019
✘ 2. 2020
✘ 3. 2022
✘ 4. 2021

Question ID : **26433064728**
Status : **Answered**
Chosen Option : **1**

Q.12 Match the gases in column I with their odour in column II.

Column I		Column II	
A.	CO_2	1.	Colourless gas with the smell of rotten eggs
B.	H_2S	2.	A colourless, odourless gas
C.	SO_2	3.	Colourless gas with a pungent smell

Ans
✘ 1. A – 1, B – 2, C – 3
✔ 2. A – 2, B – 1, C – 3
✘ 3. A – 2, B – 3, C – 1
✘ 4. A – 3, B – 1, C – 2

Question ID : **26433054915**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The Arya Samaj was founded in_____ by Swami Dayanand Saraswati.

Ans
✔ 1. 1875
✘ 2. 1873
✘ 3. 1885
✘ 4. 1863

Question ID : **26433055650**
Status : **Answered**
Chosen Option : **1**

Q.14 Who among the following was the Viceroy of India during the formation of the Indian National Congress?

Ans
✘ 1. Lord Lytton
✘ 2. Lord Ripon
✔ 3. Lord Dufferin
✘ 4. Lord Mayo

Question ID : **26433055624**
Status : **Answered**
Chosen Option : **2**

Q.15 As per CMIE data, what is the percentage of unemployment in India (as of March 2022)?

Ans
1. 7.77%
2. 7.06%
3. 7.60%
4. 7.66%

Question ID : **26433067222**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which aquatic microorganisms eat phytoplankton and then become food for fish, crustaceans and other large species?

Ans
1. Virioplankton
2. Zooplankton
3. Bacterioplankton
4. Zooxanthellae

Question ID : **26433055124**
Status : **Not Answered**
Chosen Option : **--**

Q.17 What is a good indicator to identify the effect of policies on the industrial sector?

Ans
1. Rise in capital formation
2. Rise in share of Industry sector in the GDP
3. Rise in banking services
4. Rise in imports

Question ID : **26433054622**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Which of the following regions have long, cold winters with high winds and average temperatures below freezing for six to ten months of the year?

Ans
1. Mediterranean region
2. Southern Australia region
3. Tundra region
4. Tropical region

Question ID : **26433054939**
Status : **Answered**
Chosen Option : **3**

Q.19 Puthumana Govindan Namboothiri, chief revivalist and exponent of _____ received the Kerala State Award by Kerala Folklore Academy on 7 December 2021.

Ans
1. Charkula Dance
2. Ghode Modini
3. Thidambu Nritham
4. Kummi Dance

Question ID : **26433054496**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **'Impulse' can be defined as:**

Ans
✗ 1. the force acting on a body for a very long time
✗ 2. the work done by a body for a short time
✓ 3. the force acting on a body for a short time
✗ 4. the temperature acting on a body for a short time

Question ID : **26433054902**
Status : **Answered**
Chosen Option : **3**

Q.21 **Malik Kafur was the commander of which among the following Khilji rulers, who sent him with his large army to conquer South India?**

Ans
✗ 1. Khusrau Khan
✓ 2. Alauddin Khilji
✗ 3. Qutb-ud-Din Mubarak Shah
✗ 4. Jalal-ud-Din Khilji

Question ID : **26433071393**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **What is the percentage of persons below the poverty line estimated in rural areas of India, in 2011-12?**

Ans
✓ 1. 25.7%
✗ 2. 13.7%
✗ 3. 35.9%
✗ 4. 21.9%

Question ID : **26433079563**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **Which of the following lakes is correctly paired with the state in which it is located?**

Ans
✗ 1. Dal lake – Himachal Pradesh
✓ 2. Bhimtal lake – Uttarakhand
✗ 3. Chilika lake – Maharashtra
✗ 4. Loktak lake – Assam

Question ID : **26433054064**
Status : **Answered**
Chosen Option : **2**

Q.24 **Ileana Citaristi is the first classical dancer of foreign origin who was conferred the Padma Shri Award in 2006 for her contributions to _____.**

Ans
✗ 1. Kathakali
✗ 2. Kathak
✗ 3. Bharatanatyam
✓ 4. Odissi

Question ID : **26433082134**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following countries was the runner-up in the ICC U-19 Cricket World Cup 2022?

Ans
1. South Africa
2. Australia
3. England
4. Bangladesh

Question ID : **26433054669**
Status : **Not Answered**
Chosen Option : **--**

Q.26 'Tuzuk-i-Jahangiri' was originally written in which of the following languages?

Ans
1. Pali
2. Arabic
3. Persian
4. Sanskrit

Question ID : **26433054173**
Status : **Not Answered**
Chosen Option : **--**

Q.27 Who was the last sultan of the Lodi Dynasty?

Ans
1. Khizr Khan
2. Sikander Lodi
3. Ibrahim Lodi
4. Bahlol Lodi

Question ID : **26433099212**
Status : **Answered**
Chosen Option : **3**

Q.28 The principles of Liberty, Equality and Fraternity were adopted from the Constitution of:

Ans
1. United Kingdom
2. France
3. Canada
4. Ireland

Question ID : **26433071646**
Status : **Answered**
Chosen Option : **2**

Q.29 Which of the following sectors was the focus of the first Five-Year Plan?

Ans
1. Service Sector
2. Agricultural Sector
3. Industrial Sector
4. Public Sector

Question ID : **26433054595**
Status : **Not Answered**
Chosen Option : **--**

Q.30 **Which of the following was included by the Constitution (Eighty-sixth Amendment) Act, 2002?**

Ans
1. Readjustment of seats of the Lok Sabha
2. National Commission for Scheduled Tribes
3. Readjustment of territorial constituencies
4. Elementary education as a fundamental right

Question ID : **26433069877**
Status : **Answered**
Chosen Option : **4**

Q.31 **As of March 2022, which of the following dance forms has NOT been listed as a classical dance in India?**

Ans
1. Odissi
2. Mohiniyattam
3. Kuchipudi
4. Lavani

Question ID : **26433054312**
Status : **Not Answered**
Chosen Option : **--**

Q.32 **Which formula is used to represent the three-dimensional structures of molecules using a two-dimensional surface like a sheet of paper or a computer screen?**

Ans
1. Bond-line formula
2. Lewis structure formula
3. Dash-wedge formula
4. Condensed structural formula

Question ID : **26433059081**
Status : **Not Answered**
Chosen Option : **--**

Q.33 **The idea of Rule of Law was adopted from the Constitution of which of the following countries?**

Ans
1. Russia
2. United States of America
3. United Kingdom
4. Canada

Question ID : **26433071645**
Status : **Answered**
Chosen Option : **3**

Q.34 **_____ was a key position in the royal court of Delhi sultanate and his role was of a general supervisor over all departments.**

Ans
1. Diwan-i-Mustakharaj
2. Diwan-i-Amir Kohi
3. Diwan-i -Waqoof
4. Diwan-i-Wizarat,

Question ID : **26433099211**
Status : **Not Answered**
Chosen Option : **--**

Q.35 "It is a crop which is used both as food and fodder. It is a kharif crop which requires temperature between 21°C to 27°C and grows well in old alluvial soil."
The above given statement talks about which of the following crops?

Ans
✗ 1. Sugar beet
✗ 2. Bajra
✓ 3. Maize
✗ 4. Coffee

Question ID : **26433055151**
Status : **Answered**
Chosen Option : **2**

Q.36 Digital India scheme was launched in which of the following years?

Ans
✗ 1. 2012
✗ 2. 2019
✓ 3. 2015
✗ 4. 2010

Question ID : **26433059321**
Status : **Answered**
Chosen Option : **3**

Q.37 Which of the following rivers is NOT a tributary of Ganga?

Ans
✗ 1. Ghagra
✓ 2. Bhima
✗ 3. Ramaganga
✗ 4. Yamuna

Question ID : **26433054946**
Status : **Answered**
Chosen Option : **4**

Q.38 Which atomic number element of the periodic table is named after Alfred Nobel, the inventor of dynamite and the founder of the Nobel Prize?

Ans
✓ 1. 102
✗ 2. 100
✗ 3. 105
✗ 4. 108

Question ID : **26433055764**
Status : **Not Answered**
Chosen Option : **--**

Q.39 The first ICC Women's Cricket World Cup was held in the year_____.

Ans
✗ 1. 1982
✗ 2. 1978
✗ 3. 1988
✓ 4. 1973

Question ID : **26433054677**
Status : **Not Answered**
Chosen Option : **--**

Q.40 At what height does the Jet Streams blow in India during winter months?

Ans
- ✗ 1. 9-15 km
- ✗ 2. 9-17 km
- ✗ 3. 9-16 km
- ✓ 4. 9-13 km

Question ID : **26433079546**
Status : **Not Answered**
Chosen Option : **--**

Q.41 The _____ was a territorial assignment given to administrative officers and nobles in lieu of the services they performed for the state during Delhi sultanate.

Ans
- ✗ 1. Usharaf
- ✓ 2. Iqta
- ✗ 3. Muahatsib
- ✗ 4. Nazir

Question ID : **26433099205**
Status : **Not Answered**
Chosen Option : **--**

Q.42 According to the field guide 'Birds of India' authored by Zoological Survey of India, how many bird species are there in India?

Ans
- ✗ 1. 1587
- ✗ 2. 1459
- ✗ 3. 1698
- ✓ 4. 1331

Question ID : **26433074148**
Status : **Not Answered**
Chosen Option : **--**

Q.43 The Durand Cup, Santosh Trophy and Rovers Cup are related to which sport?

Ans
- ✗ 1. Hockey
- ✗ 2. Cricket
- ✓ 3. Football
- ✗ 4. Badminton

Question ID : **26433055192**
Status : **Answered**
Chosen Option : **3**

Q.44 TR Mahalingam, a legendary musician, was known for playing which of the following instruments?

Ans
- ✗ 1. Shehnai
- ✓ 2. Flute
- ✗ 3. Tabla
- ✗ 4. Pungi

Question ID : **26433055387**
Status : **Not Answered**
Chosen Option : **--**

Q.45 **Which of the following statement is correct?**
I. When any plane passing through the central axis of the body divides the organism into two identical halves, it is called radial symmetry.
II. Where the body can be divided into identical left and right halves in only one plane, exhibit bilateral symmetry.

Ans
✗ 1. Only I
✗ 2. Only II
✓ 3. Both I and II
✗ 4. Neither I nor II

Question ID : **26433055096**
Status : **Not Answered**
Chosen Option : **--**

Q.46 **Which of the following expression is correct?**

Ans
✗ 1. Gross primary deficit = Gross fiscal deficit + Net interest liabilities
✓ 2. Gross primary deficit = Gross fiscal deficit – Net interest liabilities
✗ 3. Gross primary deficit = Gross fiscal deficit ÷ Net interest liabilities
✗ 4. Gross primary deficit = Gross fiscal deficit × Net interest liabilities

Question ID : **26433064476**
Status : **Not Answered**
Chosen Option : **--**

Q.47 **Who among the following has written the book 'Three Thousand Stitches: Ordinary People, Extraordinary Lives'?**

Ans
✗ 1. Arundhati Roy
✗ 2. Shashi Deshpande
✓ 3. Sudha Murty
✗ 4. Anita Nair

Question ID : **26433054190**
Status : **Not Answered**
Chosen Option : **--**

Q.48 **Who among the following has written the book 'The God of Small Things'?**

Ans
✗ 1. RK Narayan
✗ 2. Amitav Ghosh
✗ 3. Salman Rushdie
✓ 4. Arundhati Roy

Question ID : **26433054195**
Status : **Not Answered**
Chosen Option : **--**

Q.49 **The Sub-Section (C) in the list of Fundamental Duties requires an Indian citizen to uphold and protect the sovereignty, unity and _____ of India.**

Ans
✗ 1. fraternity
✓ 2. integrity
✗ 3. harmony
✗ 4. equality

Question ID : **26433054521**
Status : **Answered**
Chosen Option : **2**

Q.50 Which plants are included in Thallophyta?

Ans
✔ 1. Ulva, Chara and Cladophora
✘ 2. Lichens, vacular plants and pteridophyta
✘ 3. Rose, lotus and lichens
✘ 4. Nostoc, rose and melon

Question ID : **26433054026**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 A car starts at 3 p.m.at a speed of 50 km/h. Another car follows it at 4 p.m.at a speed of 75 km/h. At what time will the two cars will meet?

Ans
✔ 1. 6 p.m.
✘ 2. 5 p.m.
✘ 3. 7 p.m.
✘ 4. 8 p.m.

Question ID : **26433063893**
Status : **Answered**
Chosen Option : **1**

Q.2 The area of a trapezium shaped field is 1785 square feet. The distance between the two parallel sides is 35 feet and one of the parallel sides is 42 feet long. What is the length of the other parallel side?

Ans
✔ 1. 60 feet
✘ 2. 35 feet
✘ 3. 40 feet
✘ 4. 65 feet

Question ID : **26433074355**
Status : **Answered**
Chosen Option : **1**

Q.3 The LCM and ratio of three numbers are 1386 and 3 : 7 : 11, respectively. The sum of the greatest and least numbers is:

Ans
✘ 1. 60
✘ 2. 64
✔ 3. 84
✘ 4. 108

Question ID : **26433063664**
Status : **Not Answered**
Chosen Option : **--**

Q.4 If $1 + \sin^2\theta - 3\sin\theta\cos\theta = 0$, then the value of $\cot\theta$ is:

Ans
✗ 1. 0
✓ 2. 2
✗ 3. $\frac{1}{2}$
✗ 4. $\frac{1}{3}$

Question ID : **26433062669**
Status : **Not Answered**
Chosen Option : **--**

Q.5 If $\cos^4\alpha - \sin^4\alpha = \frac{5}{6}$, then the value of $2\cos^2\alpha - 1 =$ _____.

Ans
✗ 1. $\frac{11}{6}$
✓ 2. $\frac{5}{6}$
✗ 3. $\frac{6}{11}$
✗ 4. $\frac{6}{5}$

Question ID : **26433061389**
Status : **Answered**
Chosen Option : **2**

Q.6 Number of units manufactured (M) and number of units sold (S) (in hundred) by a company over the years.

Year	M	S
2011	2.6	1.7
2012	2.2	1.5
2013	2.1	1.0
2014	2.8	1.4
2015	2.6	2.1

What is the average number of units sold by the company per year?

Ans
✗ 1. 140
✗ 2. 150
✓ 3. 154
✗ 4. 156

Question ID : **26433075353**
Status : **Answered**
Chosen Option : **3**

Q.7 If the number 55p1067q9 is exactly divisible by 99, then pq is equal to:

Ans
✓ 1. 35
✗ 2. 28
✗ 3. 36
✗ 4. 42

Question ID : **26433099302**
Status : **Answered**
Chosen Option : **1**

Q.8 In a circle of radius 5 m, AB and CD are two equal and parallel chords of length 8 m each. What is the distance between the chords?

Ans
✗ 1. 5 m
✓ 2. 6 m
✗ 3. 3 m
✗ 4. 8 m

Question ID : **26433058164**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Simplify the following expression.
25 ÷ 5 of 12 × 2 − 9 ÷ 27 of 3 × 5 − 14 ÷ 28 × 4

Ans
✗ 1. $\frac{-41}{91}$
✗ 2. $\frac{-31}{9}$
✗ 3. 18
✓ 4. $\frac{-31}{18}$

Question ID : **26433061718**
Status : **Not Answered**
Chosen Option : **--**

Q.10 In $\triangle ABC$, $2\angle A = 3\angle B = 6\angle C$. What is the value of the largest angle among these three angles?

Ans
✗ 1. $170°$
✓ 2. $90°$
✗ 3. $80°$
✗ 4. $150°$

Question ID : **26433079781**
Status : **Answered**
Chosen Option : **2**

Q.11 The salary of an employee was first increased by 15% and thereafter it was reduced by 10%. What was the percentage change in his salary?

Ans
✗ 1. 10%
✗ 2. 103.5%
✓ 3. 3.5%
✗ 4. 15%

Question ID : **26433065059**
Status : **Answered**
Chosen Option : **3**

Q.12 **If the hypotenuse of an isosceles right-angled triangle is 10 cm, then the other two sides (in cm) are _____.**

Ans

✗ 1. $10\sqrt{2}$ and $10\sqrt{2}$

✗ 2. $8\sqrt{2}$ and $8\sqrt{2}$

✗ 3. $6\sqrt{2}$ and $6\sqrt{2}$

✓ 4. $5\sqrt{2}$ and $5\sqrt{2}$

Question ID : **26433066249**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The following table gives quantity of various items used by a restaurant during four months of the year (In kg.)

Food Item	March	April	May	June
A	220	180	270	320
B	255	320	390	420
C	280	295	280	315
D	350	310	250	280
E	308	340	350	365

The quantity of E used in the month of March is what percentage of the total quantity of food items used in the May?

Ans

✓ 1. 20%

✗ 2. 14%

✗ 3. 12.3%

✗ 4. 17.8%

Question ID : **26433074321**
Status : **Answered**
Chosen Option : **1**

Q.14 The following table shows the different types of cars sold by a company over the given years (numbers in thousands).

Year	Types				
	A	B	C	D	E
2007	15	12	10	8	9
2008	10	10	13	12	12
2009	25	10	12	19	18
2010	12	18	13	12	12
2011	19	12	12	14	14
2012	15	14	14	14	15

The percentage of type E cars sold out of the total number of cars sold was minimum in which year?

Ans

✗ 1. 2011

✓ 2. 2007

✗ 3. 2010

✗ 4. 2008

Question ID : **26433064941**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 What is the difference between the total surface area and the curved surface area of a cone whose radius is 35 cm? (Take $\pi = \frac{22}{7}$)

Ans
✔ 1. 3850 cm^2
✗ 2. 3704 cm^2
✗ 3. 3750 cm^2
✗ 4. 3675 cm^2

Question ID : **26433061461**
Status : **Answered**
Chosen Option : **1**

Q.16 A merchant marks up the price of his goods by 40% more than the cost price. He then sells $\frac{1}{5}$th of his goods at a discount of 10%, half of the goods at the marked price and the rest of the goods at a discount of 20%. Find his profit percentage.

Ans
✗ 1. 20.4%
✗ 2. 30.2%
✔ 3. 28.8%
✗ 4. 14.6%

Question ID : **26433075943**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **If the area of the base of a cone is 154 cm^2 and the area of its curved surface is 550 cm^2, then its volume is:**

Ans
✔ 1. 1232 cm^3
✗ 2. 1122 cm^3
✗ 3. 1434 cm^3
✗ 4. 1535 cm^3

Question ID : **26433075482**
Status : **Answered**
Chosen Option : **1**

Q.18 **Ankita can write a manuscript in 20 days. Ankita, along her friend Somya, can write the manuscript in 12 days. In how many days can Somya alone write the manuscript ?**

Ans
✗ 1. 22
✗ 2. 32
✗ 3. 28
✔ 4. 30

Question ID : **26433074568**
Status : **Answered**
Chosen Option : **4**

Q.19 If $\tan 45^\circ + \sec 60^\circ = x$, find the value of x.

Ans
✗ 1. 1
✗ 2. 4
✓ 3. 3
✗ 4. 2

Question ID : **26433056351**
Status : **Answered**
Chosen Option : **3**

Q.20 **In a test (+5) marks are given for every correct answer and (−2) marks are given for every incorrect answer. Jay answered all the questions and scored (−12) marks, though he got 4 correct answers. How many of his answers were INCORRECT?**

Ans
✗ 1. 8
✗ 2. 32
✓ 3. 16
✗ 4. 20

Question ID : **26433058122**
Status : **Answered**
Chosen Option : **3**

Q.21 **A sum becomes Rs.7436 in two years when interest is compounded annually at the rate of 4% per annum. What was the sum?**

Ans
✗ 1. Rs.7,075
✗ 2. Rs.6,275
✗ 3. Rs.6,575
✓ 4. Rs.6,875

Question ID : **26433063723**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The percentage marks obtained by 6 students in different subjects are given below. The maximum marks for each subject have been indicated in the table.

Subject Students	Physics	Mathematics	Hindi	Geography	English	History
Maximum marks →	80	150	100	75	120	50
P	70	44	88	88	70	38
Q	90	40	54	92	65	40
R	85	32	70	64	55	30
S	75	70	58	80	60	35
T	65	60	45	88	50	42
U	60	50	60	72	25	48

What are the approximate percentage marks obtained by student T in all subjects together?

Ans
✗ 1. 65
✓ 2. 58
✗ 3. 47
✗ 4. 52

Question ID : **26433075817**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 **During a journey of 120 km, Rahi drives first 60 km at the speed of 60 km/h, next 30 km at 60 km/h and the remaining 30 km at the speed of 30 km/h. Determine the average speed.**

Ans
✓ 1. 48 km/h
✗ 2. 33.33 km/h
✗ 3. 50 km/h
✗ 4. 40 km/h

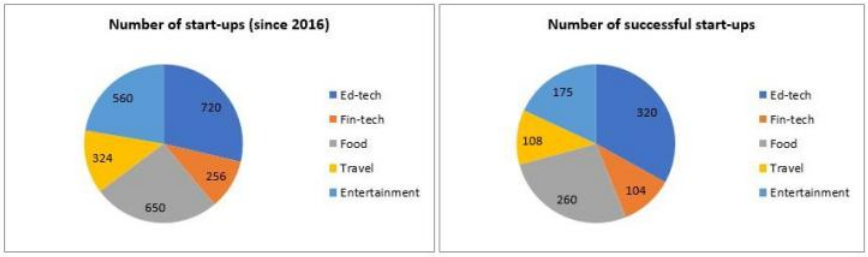
Question ID : **26433074272**
Status : **Answered**
Chosen Option : **1**

Q.24 **Elizabeth went to a furniture store and purchased a study table. She received a 20% discount on it. She would have saved Rs.1,000 more if she had received a 25% discount. What was the marked price of the sofa?**

Ans
✗ 1. Rs.21,100
✓ 2. Rs.20,000
✗ 3. Rs.18,900
✗ 4. Rs.19,200

Question ID : **26433057130**
Status : **Answered**
Chosen Option : **2**

Q.25 The following pie charts show the number of start-ups started in various sectors since 2016 and the number of successful start-ups in those sectors respectively.



What is the ratio of the number of successful start-ups to that of unsuccessful start-ups in Fin-tech sector?

Ans

✗ 1. $3 : 4$

✗ 2. $13 : 18$

✗ 3. $23 : 32$

✓ 4. $13 : 19$

Question ID : **26433076421**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.26 If $s - \frac{1}{s-8} = 20$, then the value of $(s-8)^3 - \frac{1}{(s-8)^3}$ is :

Ans

✗ 1. 1324

✓ 2. 1764

✗ 3. 1864

✗ 4. 1944

Question ID : **26433074245**
Status : **Answered**
Chosen Option : **2**

Q.27 If $x^2 + \frac{1}{x^2} = 98$, then the value of $x + \frac{1}{x}$ is:

Ans

✓ 1. 10

✗ 2. 8

✗ 3. 7

✗ 4. 9

Question ID : **26433061373**
Status : **Answered**
Chosen Option : **1**

Q.28 Two positive numbers differ by 3951. When the larger number is divided by the smaller number, the quotient is 12 and the remainder is 13. The sum of the digits of the larger number is:

Ans

✗ 1. 12

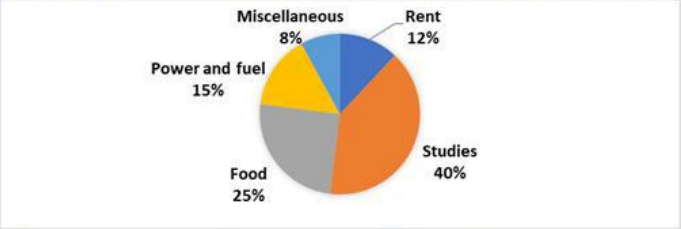
✓ 2. 16

✗ 3. 18

✗ 4. 14

Question ID : **26433099295**
Status : **Not Answered**
Chosen Option : **--**

Q.29 The percentage distribution of Anil's expenditures is presented in the given pie chart.



What is the corresponding central angle for Anil's expenses on Power and fuel?

Ans

✗ 1. $50°$

✓ 2. $54°$

✗ 3. $55°$

✗ 4. $52°$

Question ID : **26433074732**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.30 **Reena, Veena and Vimla can do a work in 4 h, 8 h and 12 h respectively. In how much time will they finish the work working together?**

Ans

✗ 1. $\frac{2}{11}$ h

✗ 2. $5\frac{2}{11}$ h

✗ 3. $3\frac{2}{11}$ h

✓ 4. $2\frac{2}{11}$ h

Question ID : **26433075796**
Status : **Answered**
Chosen Option : **4**

Q.31 **The highest common factor of 120, 360 and 210 is :**

Ans

✗ 1. 12

✓ 2. 30

✗ 3. 3

✗ 4. 15

Question ID : **26433066157**
Status : **Answered**
Chosen Option : **2**

Q.32 Solve the following.

$$[25^2 + 8 \div 2^3 - \{16 + (28 \text{ of } 7 \div 2^2) - (18^2 \div 12^2 \text{ of } \tfrac{1}{8})\}]$$

Ans
✗ 1. 626
✗ 2. 529
✗ 3. 721
✓ 4. 579

Question ID : **26433061877**
Status : **Not Answered**
Chosen Option : **--**

Q.33 **In an election between two candidates, 85% of the voters cast their votes, out which 4% of the votes were declared invalid. A candidate got 6936 votes which were 85% of the valid votes. Find the total number of voters enrolled in that election.**

Ans
✗ 1. 10,500
✗ 2. 10,800
✓ 3. 10,000
✗ 4. 10,700

Question ID : **26433058659**
Status : **Answered**
Chosen Option : **3**

Q.34 **In an election between two candidates, a candidate secured 60% of the valid votes and is elected by a majority of 180 votes. The total number of valid votes is:**

Ans
✗ 1. 1200
✗ 2. 1000
✗ 3. 800
✓ 4. 900

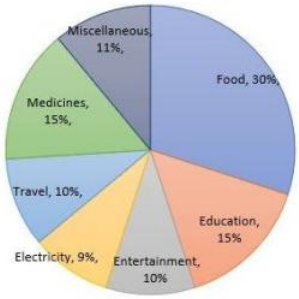
Question ID : **26433061137**
Status : **Answered**
Chosen Option : **4**

Q.35 **A train crosses two persons travelling at 4 km/h and 6 km/h in the same direction in 12 sec and 14 sec, respectively. The speed of the train is _____.**

Ans
✓ 1. 18 km/h
✗ 2. 26 km/h
✗ 3. 20 km/h
✗ 4. 24 km/h

Question ID : **26433063954**
Status : **Not Answered**
Chosen Option : **--**

Q.36 The following pie chart shows the monthly household expenditure of Family A under various heads. The monthly expenditure incurred for Family A is ₹50,000. Study the chart carefully and answer the question that follows.



What is the ratio of the combined monthly expenditure on Entertainment, Travel and Miscellaneous to the average expenditure on Food, Education, Electricity and Medicine?

Ans
✗ 1. 69 : 125
✗ 2. 69 : 124
✓ 3. 124 : 69
✗ 4. 31 : 69

Question ID : **26433075775**
Status : **Answered**
Chosen Option : **4**

Q.37 **The total surface area of a hemisphere is 462 cm^2.The diameter of this hemisphere is:**

Ans
✗ 1. 28 cm
✗ 2. 21 cm
✗ 3. 7 cm
✓ 4. 14 cm

Question ID : **26433062654**
Status : **Answered**
Chosen Option : **4**

Q.38 The following table shows the number of delivery partners (in thousands) who joined five different companies during six different years.

Year	Companies				
	Emazon	Clipkart	Twiggy	Tomato	Pyntra
2016	2.4	4.5	1.2	0.9	4.2
2017	1.8	5.4	1.5	1.2	5.6
2018	3.2	7.2	2.4	2.1	6.3
2019	3.9	5.6	2.8	2.7	6.5
2020	4.2	6.4	3.2	3.3	7.0
2021	5.0	7.2	3.6	3.6	7.2

Find the average number of delivery partners who joined Twiggy in the last 6 years.

Ans
✗ 1. 2545
✓ 2. 2450
✗ 3. 2540
✗ 4. 2455

Question ID : **26433076412**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.39 The mean proportion of 0.03 and 0.27 is:

Ans
✔ 1. 0.09
✘ 2. 0.06
✘ 3. 0.03
✘ 4. 0.15

Question ID : **26433071319**
Status : **Answered**
Chosen Option : **1**

Q.40 The numbers of students who passed with different honours from a college during 2015 to 2018 are depicted in the given table. Study the table and answer the following question.

Year	Mathematics	Physics	Chemistry	Zoology	Botany
2015	10	5	8	7	5
2016	4	8	3	4	1
2017	15	10	8	5	3
2018	9	3	1	2	1

How many students passed with Mathematics, Physics, Chemistry, Zoology and Botany from the year 2015 to 2018?

Ans
✔ 1. 112
✘ 2. 97
✘ 3. 100
✘ 4. 99

Question ID : **26433075167**
Status : **Answered**
Chosen Option : **1**

Q.41 A can run 250m in 25 sec and B in 30 sec. How many metres start can A give to B in a km race so that the race may end in a dead-heat?

Ans
✘ 1. 169.53 m
✘ 2. 173.82 m
✔ 3. 166.67 m
✘ 4. 186.34 m

Question ID : **26433066319**
Status : **Not Answered**
Chosen Option : **--**

Q.42 Swastik purchased a laptop for Rs.75,000 and sold it to Anju suffering a loss of 10%. Anju sold the same laptop after earning a profit of 20%. At what price (in Rs.) did Anju sell the laptop?

Ans
✘ 1. Rs.78,500
✘ 2. Rs.85,000
✔ 3. Rs.81,000
✘ 4. Rs.90,000

Question ID : **26433063317**
Status : **Answered**
Chosen Option : **3**

Q.43 Let x = 224 and,y = 322. If the highest common factor of 23x and a×y is divisible by x and y, then what can be the possible value of a?

Ans

✔ 1. 16

✗ 2. 8

✗ 3. 12

✗ 4. 4

Question ID : **26433066156**
Status : **Not Answered**
Chosen Option : **--**

Q.44 After successive discounts of 10% and 5%, an article was sold for Rs.342. What was the original price of the article?

Ans

✔ 1. Rs.400

✗ 2. Rs.342

✗ 3. Rs.300

✗ 4. Rs.442

Question ID : **26433073012**
Status : **Not Answered**
Chosen Option : **--**

Q.45 AB is a chord in a circle of radius 13 cm. From centre O, a perpendicular is drawn through AB intersecting AB at point C. The length of OC is 5 cm. What is the length of AB?

Ans

✔ 1. 24 cm

✗ 2. 12 cm

✗ 3. 20 cm

✗ 4. 15 cm

Question ID : **26433058814**
Status : **Not Answered**
Chosen Option : **--**

Q.46 If the equation $k(21x^2 + 24) + rx + (14x^2 - 9) = 0$

$k(7x^2 + 8) + px + (2x^2 - 3) = 0$ have both roots common, then the value of $\frac{p}{r}$ is :

Ans

✔ 1. $\frac{1}{3}$

✗ 2. $\frac{2}{5}$

✗ 3. $\frac{4}{3}$

✗ 4. $\frac{7}{5}$

Question ID : **26433066347**
Status : **Not Answered**
Chosen Option : **--**

Q.47 **The ratio of first and second sum of money is 7:8. If the first sum is 35, the second sum is:**

Ans
✗ 1. 56
✓ 2. 40
✗ 3. 45
✗ 4. 44

Question ID : **26433063480**
Status : **Not Answered**
Chosen Option : **--**

Q.48 **The difference between the semi-perimeter and the sides of ∆PQR are 18 cm, 17 cm and 25 cm, respectively. Find the area of the triangle.**

Ans
✗ 1. $330\sqrt{510}\ \text{cm}^2$
✗ 2. $230\sqrt{510}\ \text{cm}^2$
✓ 3. $30\sqrt{510}\ \text{cm}^2$
✗ 4. $130\sqrt{510}\ \text{cm}^2$

Question ID : **26433075531**
Status : **Answered**
Chosen Option : **3**

Q.49 **The average score in an English exam of a class of 45 students in a coaching centre is 52. A group of 6 boys having an average score of 40 leave the class and another group of eight boys having an average score of 43 join the class. What is the new average score of the class?**

Ans
✗ 1. 48
✗ 2. 53
✗ 3. 49.5
✓ 4. 52

Question ID : **26433058780**
Status : **Not Answered**
Chosen Option : **--**

Q.50 **What are the values of '&' and '#', respectively, if the following number is perfectly divisible by 9?**
51&918#0

Ans
✗ 1. 9 and 8
✗ 2. 2 and 2
✗ 3. 4 and 5
✓ 4. 8 and 4

Question ID : **26433058777**
Status : **Answered**
Chosen Option : **4**

Section : **English Comprehension**

Q.1 **Select the most appropriate meaning of the given idiom.**

In seventh heaven

Ans

✗ 1. Extremely sad

✗ 2. Seven-day birthday ceremony

✗ 3. In the presence of God

✓ 4. Extremely happy

Question ID : **26433063646**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate synonym of the given word.**
Bonhomie

Ans

✗ 1. Bad-natured

✗ 2. Enemy

✓ 3. Friendship

✗ 4. Disagreeable

Question ID : **26433059197**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate synonym of the highlighted word.**
The crowds gathered were partisan in nature.

Ans

✗ 1. pitiful

✗ 2. Kind

✓ 3. biased

✗ 4. Destructive

Question ID : **26433058295**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the INCORRECTLY spelt word.**

Ans

✗ 1. Quarrelsome

✗ 2. Ecclesiastical

✗ 3. Bovine

✓ 4. Calamitious

Question ID : **26433060201**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the most appropriate ANTONYM of the given word.**

Barbaric

Ans

✗ 1. Indifferent

✗ 2. Brutal

✗ 3. Inquisitive

✓ 4. Civilised

Question ID : **26433058320**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the most appropriate meaning of the given idiom.**

As good as gold

Ans
✔ 1. A person who is obedient and well-behaved
✘ 2. A person who loves gold
✘ 3. A person who is good like gold but not better
✘ 4. A golden person

Question ID : **26433060899**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the most appropriate phrase for the underlined segment in the given sentence.**

She <u>brought</u> new ideas for the innovative promotion of the product.

Ans
✘ 1. Draw on
✘ 2. Swept off
✔ 3. Came up with
✘ 4. Carry off

Question ID : **26433072822**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate meaning of the given idiom.**

To judge a book by its cover

Ans
✘ 1. To strictly follow the rules
✘ 2. To be good at evaluating people
✔ 3. To evaluate people's worth by their outward appearance
✘ 4. To understand a difficult situation

Question ID : **26433059528**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

I <u>like to meeting of people</u> who have travelled widely.

Ans
✔ 1. like meeting people
✘ 2. like meet to people
✘ 3. like to be meeting people
✘ 4. will like meeting with people

Question ID : **26433060273**
Status : **Answered**
Chosen Option : **1**

Q.10 **Select the option that substitutes the bracketed word-segment correctly and completes the sentence meaningfully.**

Vicky and Deepa (tries their level best) to run from the ritual.

Ans
- ✗ 1. had tries their level best
- ✓ 2. try their level best
- ✗ 3. have try their level best
- ✗ 4. tries their best level

Question ID : **26433059825**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the option that expresses the given sentence in active voice.**
The movie was being released on Friday.

Ans
- ✓ 1. They were releasing the movie on Friday.
- ✗ 2. The movie is being released on Friday.
- ✗ 3. They are releasing the movie on Friday.
- ✗ 4. They have been releasing the movie on Friday.

Question ID : **26433059127**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the most appropriate meaning of the given idiom.**

Hold your horses

Ans
- ✗ 1. To keep the horse chain intact
- ✗ 2. Holding and keeping things by yourself
- ✗ 3. Give time to others for some rest
- ✓ 4. To tell someone to stop and consider carefully

Question ID : **26433061021**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the option that can be used as a one-word substitute for the given group of words.**

Hatred

Ans
- ✗ 1. Malleable
- ✓ 2. Malevolence
- ✗ 3. Magnanimous
- ✗ 4. Malapropos

Question ID : **26433058277**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the most appropriate synonym of the given word.**
Gourmet

Ans
✗ 1. Indifferent
✗ 2. Detached
✓ 3. Epicure
✗ 4. Non-indulgent

Question ID : **26433059200**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

The dance performance <u>was more beautifuler</u> than I expected.

Ans
✓ 1. was more beautiful
✗ 2. was beautiful
✗ 3. was most beautiful
✗ 4. is being more beautiful

Question ID : **26433060944**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the option that substitutes the bracketed word-segment correctly and completes the sentence meaningfully.**

Covid- 19 pandemic has resulted in (an slow change in flowing of capital) generated by workers.

Ans
✗ 1. an deliberate change to flow of capital
✓ 2. a sluggish change in the flow of capital
✗ 3. an abrupt change in the flow of capital
✗ 4. an sudden change to flow of capital

Question ID : **26433059828**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.**
In order to succeed in life, we need to work <u>instead waste time.</u>

Ans
✗ 1. despite wasting time
✗ 2. No improvement required
✗ 3. in spite of wasting time
✓ 4. instead of wasting time

Question ID : **26433060764**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate ANTONYM of the capitalised word in the given sentence.**

Affluent people tend to look upon illiteracy with comfortable DETACHMENT.

Ans

✗ 1. Justice

✗ 2. Humour

✗ 3. Neutrality

✓ 4. Subjectivity

Question ID : **26433088217**
Status : **Answered**
Chosen Option : **3**

Q.19 **Select the most appropriate meaning of the given idiom.**

Wet blanket

Ans

✗ 1. One who acts stupidly

✓ 2. One who spoils other people's fun

✗ 3. One who is frequently ill

✗ 4. One who cannot be trusted

Question ID : **26433059535**
Status : **Answered**
Chosen Option : **2**

Q.20 **Identify the sentence that correctly uses the indefinite article.**

Ans

✗ 1. Cloud seeding involves use of chemicals that target rain-bearing clouds above a catchment area such as an river, reservoir or an lake.

✓ 2. Cloud seeding involves use of chemicals that target rain-bearing clouds above a catchment area such as a river, reservoir or a lake.

✗ 3. Cloud seeding involves use of chemicals that target rain-bearing clouds above an catchment area such as a river, reservoir or an lake.

✗ 4. Cloud seeding involves use of chemicals that target rain-bearing clouds above an catchment area such as an river, reservoir or a lake.

Question ID : **26433059569**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Select the correct meaning of the idiom in bold and italics.**
Sometimes I just have to resort to *the carrot and stick* approach with my children.

Ans

✓ 1. Mixture of rewards and punishments

✗ 2. Waste one's efforts by pursuing the wrong thing or path

✗ 3. Practically identical in appearance

✗ 4. To be optimistic or enthusiastic

Question ID : **26433059660**
Status : **Answered**
Chosen Option : **1**

Q.22 **Select the most appropriate meaning of the underlined word in a sentence.**

She was a brave woman but she felt <u>daunted</u> by the task ahead.

Ans
✗ 1. bold
✓ 2. intimidated
✗ 3. appreciated
✗ 4. encouraged

Question ID : **26433055995**
Status : **Answered**
Chosen Option : **2**

Q.23 **Select the most appropriate synonym of the underlined word in the given sentence.**
The scene of Ratan's friend's bike accident remains <u>stamped</u> in his memory.

Ans
✗ 1. approved
✗ 2. scary
✗ 3. shunned
✓ 4. imprinted

Question ID : **26433058543**
Status : **Answered**
Chosen Option : **4**

Q.24 **Select the option that can be used as a one-word substitute for the given group of words.**

The main character in a story.

Ans
✗ 1. Antagonist
✓ 2. Protagonist
✗ 3. Leader
✗ 4. Player

Question ID : **26433060100**
Status : **Answered**
Chosen Option : **2**

Q.25 **Select the most appropriate ANTONYM of the given word.**

Integrate

Ans
✗ 1. Influence
✗ 2. Accept
✗ 3. Excite
✓ 4. Separate

Question ID : **26433092305**
Status : **Answered**
Chosen Option : **4**

Q.26 **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'.**

Jeremy does not like to discuss his <u>personnel problems</u> openly.

Ans

✗ 1. No substitution required

✗ 2. personnel problem

✓ 3. personal problems

✗ 4. person problem

Question ID : **26433060065**
Status : **Answered**
Chosen Option : **3**

Q.27 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**
He has always been / quite careless for / his own safety.

Ans

✓ 1. quite careless for

✗ 2. He has always been

✗ 3. No error

✗ 4. his own safety

Question ID : **26433060140**
Status : **Answered**
Chosen Option : **1**

Q.28 **Select the most appropriate synonym of the given word.**

Cornucopia

Ans

✗ 1. Sink hole

✓ 2. Treasure trove

✗ 3. Malaise

✗ 4. Avarice

Question ID : **26433071848**
Status : **Not Answered**
Chosen Option : **--**

Q.29 **Select the option that can be used as a one-word substitute for the given group of words.**

A letter, poem etc. whose author is unknown.

Ans

✗ 1. Autonomous

✗ 2. Anomalous

✓ 3. Anonymous

✗ 4. Autocrat

Question ID : **26433060353**
Status : **Answered**
Chosen Option : **3**

Q.30 Select the most appropriate synonym of the given word.
Obliterate

Ans
1. Patched
2. Healed
3. Mended
4. Abolish

Question ID : **26433059636**
Status : **Answered**
Chosen Option : **4**

Q.31 Select the INCORRECTLY spelt word.

Ans
1. Measure
2. Subscrieb
3. Rectify
4. Branding

Question ID : **26433060634**
Status : **Answered**
Chosen Option : **2**

Q.32 Identify the INCORRECTLY spelt word in the given sentence.
The most frequent medallion composition on a carpet consists of a more or less elaborate motif superimposed on the centre of a patterned field and often complemented with corner pieces, which are typically quardants of the central medallion.

Ans
1. medallion
2. elaborate
3. complemented
4. quardant

Question ID : **26433059974**
Status : **Answered**
Chosen Option : **4**

Q.33 Select the INCORRECTLY spelt word.

Ans
1. Miarage
2. Missing
3. Mistaken
4. Mission

Question ID : **26433060913**
Status : **Answered**
Chosen Option : **1**

Q.34 Select the most appropriate option to fill in the blank.

It is never advisable to have an axe to _____.

Ans
1. kill
2. rotate
3. replace
4. grind

Question ID : **26433073213**
Status : **Answered**
Chosen Option : **1**

Q.35 **Select the most appropriate synonym of the given word.**
Chaos

Ans
✗ 1. Insanity
✗ 2. Tidiness
✓ 3. Disarray
✗ 4. Certainty

Question ID : **26433059518**
Status : **Answered**
Chosen Option : **3**

Q.36 **Select the most appropriate meaning of the given idiom.**

At the eleventh hour

Ans
✗ 1. Time for debate
✗ 2. Very late in the evening
✗ 3. A state of confusion
✓ 4. Just before the deadline

Question ID : **26433059531**
Status : **Answered**
Chosen Option : **4**

Q.37 **Select the most appropriate option that can substitute the underlined words.**

A government that takes decisions based on the recommendations of state officials instead of elected representatives

Ans
✗ 1. Gerontocracy
✗ 2. Democracy
✗ 3. Autocracy
✓ 4. Bureaucracy

Question ID : **26433059727**
Status : **Answered**
Chosen Option : **4**

Q.38 **Identify the INCORRECTLY spelt word in the given sentence.**
After the severe bus accident, they tried to identify the victims, but the bodies were too manlged to be investigated.

Ans
✗ 1. investigated
✗ 2. accident
✓ 3. manlged
✗ 4. victims

Question ID : **26433059970**
Status : **Answered**
Chosen Option : **3**

Q.39 **Select the correct meaning of the idiom in bold and italics.**
Look, *the devil is beating his wife*. Do you think we'll see a rainbow?

Ans
✗ 1. One who presents a counter argument

✗ 2. If you have nothing to do, you are likely to do some mischief

✓ 3. The sun is shining while it rains

✗ 4. When someone comes in unexpectedly while being talked about

Question ID : **26433059658**
Status : **Answered**
Chosen Option : **3**

Q.40 **Select the most appropriate ANTONYM of the given word.**

Better

Ans
✗ 1. Brave

✓ 2. Inferior

✗ 3. Homely

✗ 4. Fitter

Question ID : **26433089721**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the given passage and answer the questions that follow.

On May 2, 2018, severe dust storms and thunderstorms hit parts of Rajasthan, Uttar Pradesh, and other adjoining regions. Explaining the reasons behind such severe weather system, M. Mohapatra, senior scientist with the India Meteorological Department (IMD) said that dust storms and thunderstorms are a result of nearly similar weather conditions, like intense heat. Areas that have moisture in the air experience thunderstorms while those which don't have moisture experience dust storms.
"All such conditions were being fulfilled on that day. The region had moist easterly winds coming from the Bay of Bengal and there was western disturbance system too. All this together triggered the events on May 2," he added.
In simple terms, dust storm can be explained as a phenomenon when strong winds carry dust over an extensive area.
As far as the timing of their occurrence is concerned, Mohapatra stated that there is no deviation in time of occurrence of a dust storm and thunderstorm activity as they usually peak in the pre-monsoon period.
These events happen between March and May only. In the pre-monsoon period temperatures are very high, around 44-45 degree Celsius and lead to such activities.
Even as dust storms and thunderstorms are a common feature every year there has been no focused work on studying the trends related to it.
"In the coming years there could be more instances of intense thunderstorms and sand storms but they have to be studied in detail looking at the data of over 30-40 years to notice a trend. Work has been more or less confined to cyclones and monsoon systems but not much on dust storms or thunderstorms. It needs study," admitted Mohapatra.
The extent of damage caused by thunderstorm activity in India can be gauged from the data of India's National Crime Records Bureau (NCRB). As per the NCRB data, compared to other natural disasters like cyclone, floods or heat waves, lightning kills more people in India.
For instance, at least 25 percent of the 10,510 accidental deaths attributable to forces of nature in 2015 were due to lightning. The number of deaths due to lightning has constantly remained over 2,000 every year since 2005.

SubQuestion No : 41

Q.41 **The passage is mainly about:**

Ans
✗ 1. a dust storm in Rajasthan and Uttar Pradesh

✓ 2. dust storms and thunderstorms

✗ 3. a thunderstorm in Rajasthan

✗ 4. the damage caused by thunderstorms

Question ID : **26433092129**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the given passage and answer the questions that follow.

On May 2, 2018, severe dust storms and thunderstorms hit parts of Rajasthan, Uttar Pradesh, and other adjoining regions. Explaining the reasons behind such severe weather system, M. Mohapatra, senior scientist with the India Meteorological Department (IMD) said that dust storms and thunderstorms are a result of nearly similar weather conditions, like intense heat. Areas that have moisture in the air experience thunderstorms while those which don't have moisture experience dust storms.
"All such conditions were being fulfilled on that day. The region had moist easterly winds coming from the Bay of Bengal and there was western disturbance system too. All this together triggered the events on May 2," he added.
In simple terms, dust storm can be explained as a phenomenon when strong winds carry dust over an extensive area.
As far as the timing of their occurrence is concerned, Mohapatra stated that there is no deviation in time of occurrence of a dust storm and thunderstorm activity as they usually peak in the pre-monsoon period.
These events happen between March and May only. In the pre-monsoon period temperatures are very high, around 44-45 degree Celsius and lead to such activities.
Even as dust storms and thunderstorms are a common feature every year there has been no focused work on studying the trends related to it.
"In the coming years there could be more instances of intense thunderstorms and sand storms but they have to be studied in detail looking at the data of over 30-40 years to notice a trend. Work has been more or less confined to cyclones and monsoon systems but not much on dust storms or thunderstorms. It needs study," admitted Mohapatra.
The extent of damage caused by thunderstorm activity in India can be gauged from the data of India's National Crime Records Bureau (NCRB). As per the NCRB data, compared to other natural disasters like cyclone, floods or heat waves, lightning kills more people in India.
For instance, at least 25 percent of the 10,510 accidental deaths attributable to forces of nature in 2015 were due to lightning. The number of deaths due to lightning has constantly remained over 2,000 every year since 2005.

SubQuestion No : 42

Q.42 Which of the following statements is NOT true according to the passage?

Ans ✗ 1. The western disturbances cause dust storms in Rajasthan and nearby regions.

✗ 2. Both, dust storms and thunderstorms occur due to similar weather conditions like intense heat.

✓ 3. Thunderstorms occur where the air is dry.

✗ 4. Cyclones and monsoon systems have been studied more than dust storms and thunderstorms.

Question ID : **26433092133**
Status : **Answered**
Chosen Option : **3**

Comprehension:

Read the given passage and answer the questions that follow.

On May 2, 2018, severe dust storms and thunderstorms hit parts of Rajasthan, Uttar Pradesh, and other adjoining regions. Explaining the reasons behind such severe weather system, M. Mohapatra, senior scientist with the India Meteorological Department (IMD) said that dust storms and thunderstorms are a result of nearly similar weather conditions, like intense heat. Areas that have moisture in the air experience thunderstorms while those which don't have moisture experience dust storms.
"All such conditions were being fulfilled on that day. The region had moist easterly winds coming from the Bay of Bengal and there was western disturbance system too. All this together triggered the events on May 2," he added.
In simple terms, dust storm can be explained as a phenomenon when strong winds carry dust over an extensive area.
As far as the timing of their occurrence is concerned, Mohapatra stated that there is no deviation in time of occurrence of a dust storm and thunderstorm activity as they usually peak in the pre-monsoon period.
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Even as dust storms and thunderstorms are a common feature every year there has been no focused work on studying the trends related to it.
"In the coming years there could be more instances of intense thunderstorms and sand storms but they have to be studied in detail looking at the data of over 30-40 years to notice a trend. Work has been more or less confined to cyclones and monsoon systems but not much on dust storms or thunderstorms. It needs study," admitted Mohapatra.
The extent of damage caused by thunderstorm activity in India can be gauged from the data of India's National Crime Records Bureau (NCRB). As per the NCRB data, compared to other natural disasters like cyclone, floods or heat waves, lightning kills more people in India.
For instance, at least 25 percent of the 10,510 accidental deaths attributable to forces of nature in 2015 were due to lightning. The number of deaths due to lightning has constantly remained over 2,000 every year since 2005.

SubQuestion No : 43

Q.43 Among the natural disasters, which is the highest killer in India?

Ans

✗ 1. Heat waves

✓ 2. Lightning

✗ 3. Cyclones

✗ 4. Floods

Question ID : **26433092132**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the given passage and answer the questions that follow.

On May 2, 2018, severe dust storms and thunderstorms hit parts of Rajasthan, Uttar Pradesh, and other adjoining regions. Explaining the reasons behind such severe weather system, M. Mohapatra, senior scientist with the India Meteorological Department (IMD) said that dust storms and thunderstorms are a result of nearly similar weather conditions, like intense heat. Areas that have moisture in the air experience thunderstorms while those which don't have moisture experience dust storms.
"All such conditions were being fulfilled on that day. The region had moist easterly winds coming from the Bay of Bengal and there was western disturbance system too. All this together triggered the events on May 2," he added.
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The extent of damage caused by thunderstorm activity in India can be gauged from the data of India's National Crime Records Bureau (NCRB). As per the NCRB data, compared to other natural disasters like cyclone, floods or heat waves, lightning kills more people in India.
For instance, at least 25 percent of the 10,510 accidental deaths attributable to forces of nature in 2015 were due to lightning. The number of deaths due to lightning has constantly remained over 2,000 every year since 2005.

SubQuestion No : 44

Q.44 When do dust storms and thunderstorms generally occur?

Ans

✔ 1. In the pre-monsoon period

✗ 2. After the rains

✗ 3. During monsoon

✗ 4. During winters

Question ID : **26433092131**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follow.

On May 2, 2018, severe dust storms and thunderstorms hit parts of Rajasthan, Uttar Pradesh, and other adjoining regions. Explaining the reasons behind such severe weather system, M. Mohapatra, senior scientist with the India Meteorological Department (IMD) said that dust storms and thunderstorms are a result of nearly similar weather conditions, like intense heat. Areas that have moisture in the air experience thunderstorms while those which don't have moisture experience dust storms.
"All such conditions were being fulfilled on that day. The region had moist easterly winds coming from the Bay of Bengal and there was western disturbance system too. All this together triggered the events on May 2," he added.
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Even as dust storms and thunderstorms are a common feature every year there has been no focused work on studying the trends related to it.
"In the coming years there could be more instances of intense thunderstorms and sand storms but they have to be studied in detail looking at the data of over 30-40 years to notice a trend. Work has been more or less confined to cyclones and monsoon systems but not much on dust storms or thunderstorms. It needs study," admitted Mohapatra.
The extent of damage caused by thunderstorm activity in India can be gauged from the data of India's National Crime Records Bureau (NCRB). As per the NCRB data, compared to other natural disasters like cyclone, floods or heat waves, lightning kills more people in India.
For instance, at least 25 percent of the 10,510 accidental deaths attributable to forces of nature in 2015 were due to lightning. The number of deaths due to lightning has constantly remained over 2,000 every year since 2005.

SubQuestion No : 45

Q.45 A dust storm mainly occurs due to:

Ans
✗ 1. moisture in the air
✗ 2. easterly winds
✓ 3. intense heat
✗ 4. extreme cold

Question ID : **26433092130**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The world is undergoing rapid changes in the knowledge landscape. With various dramatic scientific and technological advances, such as the rise of big data, machine learning, and artificial intelligence, many unskilled jobs worldwide may be taken over by machines, while the need for a skilled workforce, particularly involving mathematics, computer science, and data science, in conjunction with multidisciplinary abilities across the sciences, social sciences, and humanities, (1)_____ increasingly in greater demand. With climate change, increasing pollution, and depleting natural resources, there will be a sizeable shift in how we (2)_____ the world's energy, water, food, and sanitation needs, again resulting in the need for new skilled labour, particularly in biology, chemistry, physics, agriculture, climate science, and social science. The growing (3)_____ of epidemics and pandemics will also (4)_____ collaborative research in infectious disease management and development of vaccines and the resultant social issues heightens the need for multidisciplinary learning. There will be a growing (5)_____ for humanities and art, as India moves towards becoming a developed country as well as among the three largest economies in the world.

SubQuestion No : 46

Q.46 Select the most appropriate option to fill blank 1.

Ans
✗ 1. is
✗ 2. are
✓ 3. will be
✗ 4. should be

Question ID : **26433060243**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The world is undergoing rapid changes in the knowledge landscape. With various dramatic scientific and technological advances, such as the rise of big data, machine learning, and artificial intelligence, many unskilled jobs worldwide may be taken over by machines, while the need for a skilled workforce, particularly involving mathematics, computer science, and data science, in conjunction with multidisciplinary abilities across the sciences, social sciences, and humanities, (1)_____ increasingly in greater demand. With climate change, increasing pollution, and depleting natural resources, there will be a sizeable shift in how we (2)_____ the world's energy, water, food, and sanitation needs, again resulting in the need for new skilled labour, particularly in biology, chemistry, physics, agriculture, climate science, and social science. The growing (3)_____ of epidemics and pandemics will also (4)_____ collaborative research in infectious disease management and development of vaccines and the resultant social issues heightens the need for multidisciplinary learning. There will be a growing (5)_____ for humanities and art, as India moves towards becoming a developed country as well as among the three largest economies in the world.

SubQuestion No : 47

Q.47 Select the most appropriate option to fill blank 2.

Ans

✗ 1. had

✓ 2. meet

✗ 3. have

✗ 4. see

Question ID : **26433060244**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The world is undergoing rapid changes in the knowledge landscape. With various dramatic scientific and technological advances, such as the rise of big data, machine learning, and artificial intelligence, many unskilled jobs worldwide may be taken over by machines, while the need for a skilled workforce, particularly involving mathematics, computer science, and data science, in conjunction with multidisciplinary abilities across the sciences, social sciences, and humanities, (1)_____ increasingly in greater demand. With climate change, increasing pollution, and depleting natural resources, there will be a sizeable shift in how we (2)_____ the world's energy, water, food, and sanitation needs, again resulting in the need for new skilled labour, particularly in biology, chemistry, physics, agriculture, climate science, and social science. The growing (3)_____ of epidemics and pandemics will also (4)_____ collaborative research in infectious disease management and development of vaccines and the resultant social issues heightens the need for multidisciplinary learning. There will be a growing (5)_____ for humanities and art, as India moves towards becoming a developed country as well as among the three largest economies in the world.

SubQuestion No : 48

Q.48 Select the most appropriate option to fill blank 3.

Ans

✗ 1. wane

✗ 2. dissolution

✓ 3. emergence

✗ 4. need

Question ID : **26433060245**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The world is undergoing rapid changes in the knowledge landscape. With various dramatic scientific and technological advances, such as the rise of big data, machine learning, and artificial intelligence, many unskilled jobs worldwide may be taken over by machines, while the need for a skilled workforce, particularly involving mathematics, computer science, and data science, in conjunction with multidisciplinary abilities across the sciences, social sciences, and humanities, (1)_____ increasingly in greater demand. With climate change, increasing pollution, and depleting natural resources, there will be a sizeable shift in how we (2)_____ the world's energy, water, food, and sanitation needs, again resulting in the need for new skilled labour, particularly in biology, chemistry, physics, agriculture, climate science, and social science. The growing (3)_____ of epidemics and pandemics will also (4)_____ collaborative research in infectious disease management and development of vaccines and the resultant social issues heightens the need for multidisciplinary learning. There will be a growing (5)_____ for humanities and art, as India moves towards becoming a developed country as well as among the three largest economies in the world.

SubQuestion No : 49

Q.49 Select the most appropriate option to fill blank 4.

Ans

✗ 1. call off

✗ 2. call in

✗ 3. call out

✓ 4. call for

Question ID : **26433060246**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The world is undergoing rapid changes in the knowledge landscape. With various dramatic scientific and technological advances, such as the rise of big data, machine learning, and artificial intelligence, many unskilled jobs worldwide may be taken over by machines, while the need for a skilled workforce, particularly involving mathematics, computer science, and data science, in conjunction with multidisciplinary abilities across the sciences, social sciences, and humanities, (1)_____ increasingly in greater demand. With climate change, increasing pollution, and depleting natural resources, there will be a sizeable shift in how we (2)_____ the world's energy, water, food, and sanitation needs, again resulting in the need for new skilled labour, particularly in biology, chemistry, physics, agriculture, climate science, and social science. The growing (3)_____ of epidemics and pandemics will also (4)_____ collaborative research in infectious disease management and development of vaccines and the resultant social issues heightens the need for multidisciplinary learning. There will be a growing (5)_____ for humanities and art, as India moves towards becoming a developed country as well as among the three largest economies in the world.

SubQuestion No : 50

Q.50 Select the most appropriate option to fill blank 5.

Ans

✗ 1. command

✗ 2. extort

✓ 3. demand

✗ 4. claim

Question ID : **26433060247**
Status : **Answered**
Chosen Option : **3**