

Question Paper

Previous Year Question Papers

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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.

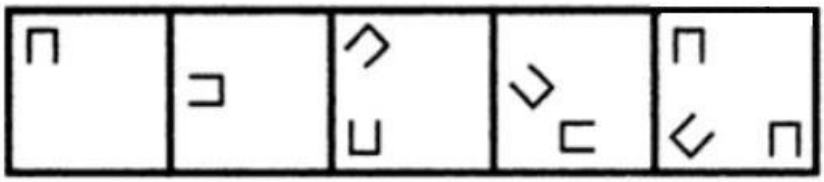
Ans
✗ 1. Both conclusions I and II follow
✗ 2. Only conclusion II follows
✗ 3. Neither conclusion I nor II follows
✓ 4. Only conclusion I follows

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

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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**

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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**

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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?

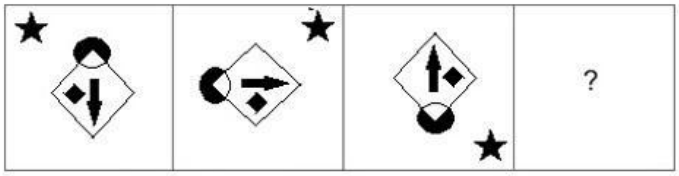
Ans
1. 20 km
2. 6 km
3. 2 km
4. 28 km

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

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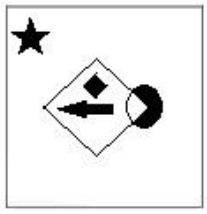
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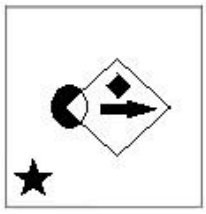
Q.13 Select the figure that will replace the question mark (?) in the following figure series.

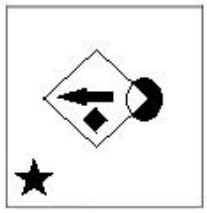


Ans

✔ 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**

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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

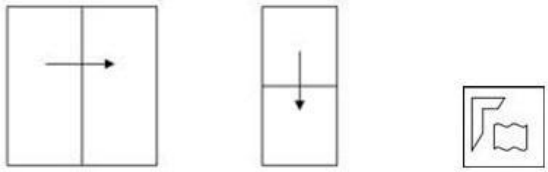
Ans
✗ 1. 41325
✗ 2. 14325
✓ 3. 41352
✗ 4. 14253

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

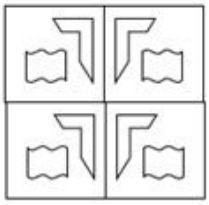
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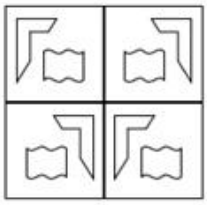
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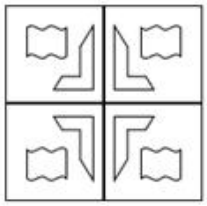
Q.18 A paper is folded and cut as shown below. How will it appear when unfolded?

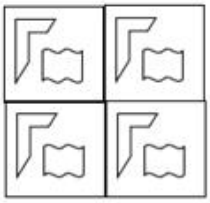


Ans

1. 

2. 

3. 

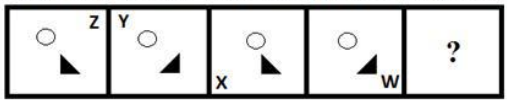
4. 

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

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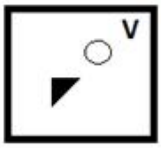
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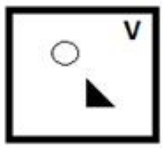
Q.19 Select the figure that will come in place of the question mark (?) in the following figure series.

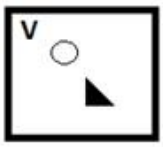


Ans

✗ 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**

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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**

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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**

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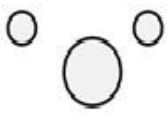
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Q.30 Select the number from among the given options that can replace the question mark (?) in the following series.
159, 146, ?, 120, 107, 94, 81

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**

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

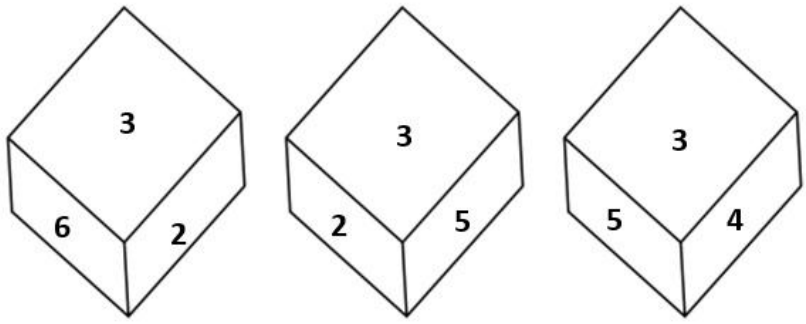


Figure 1 Figure 2 Figure 3

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**

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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

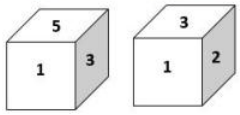
Question ID : **26433056768**
Status : **Answered**
Chosen Option : **3**

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'.



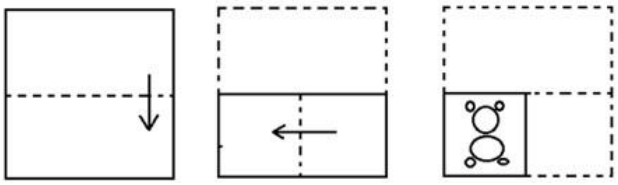
Ans
✗ 1. 1
✗ 2. 3
✗ 3. 4
✓ 4. 2

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

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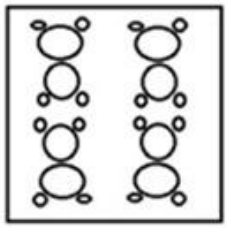
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Q.40 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper.

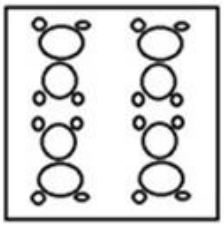


Ans

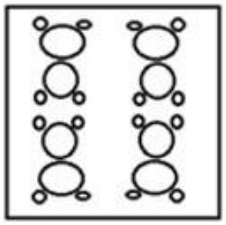
✗ 1.



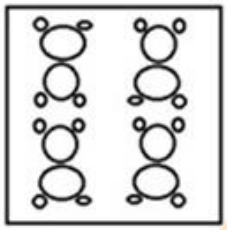
✗ 2.



✓ 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 : **--**

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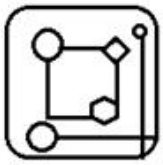
Q.42 **Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
121 * 11 * 99 * 11 * 77 * 79

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. 

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

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

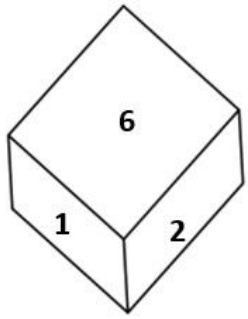


Figure 1

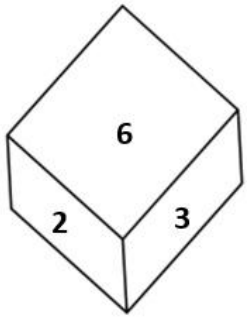


Figure 2

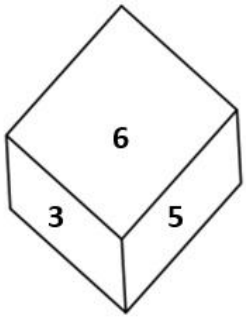


Figure 3

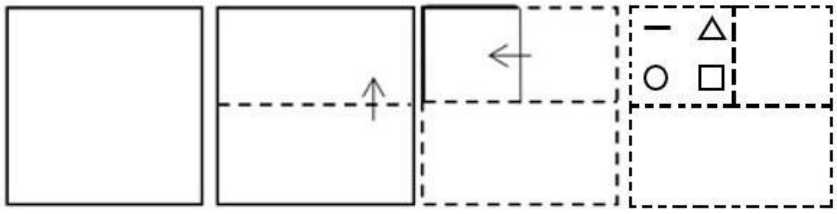
Ans
1. 3
2. 2
3. 6
4. 1

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

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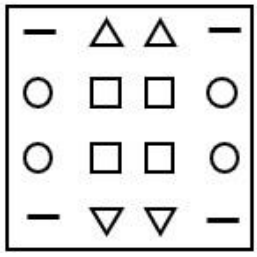
aglasem.com

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

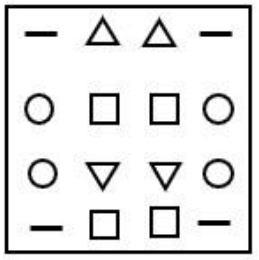


Ans

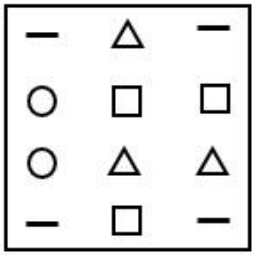
✔ 1.



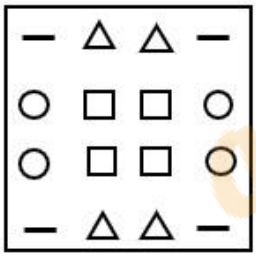
✗ 2.



✗ 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**

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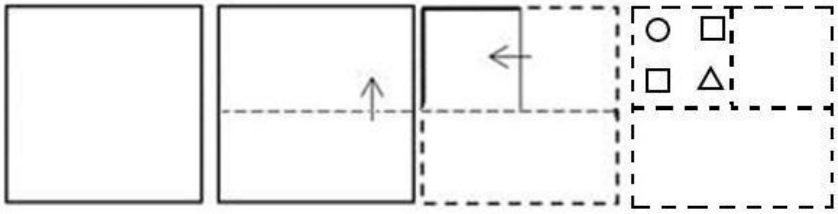
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Q.47 **Seven people, A, B, C, D, E, F and G, are sitting in a straight row facing the north. Only two people sit to the left of C. Only two people sit between A and B. B sits to the left of A. E is an immediate neighbour of A to the right. Only one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

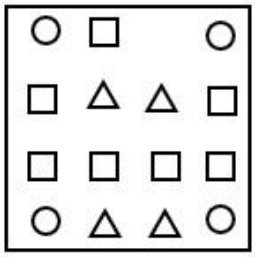
Ans
✔ 1. B
✘ 2. D
✘ 3. E
✘ 4. F

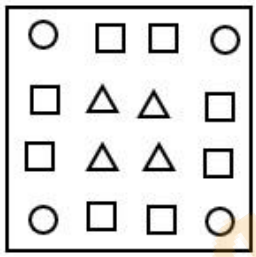
Question ID : **26433055888**
Status : **Answered**
Chosen Option : **1**

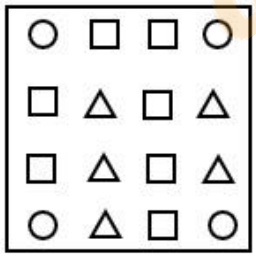
Q.48 A paper is folded and cut as shown below. How will it appear when unfolded?

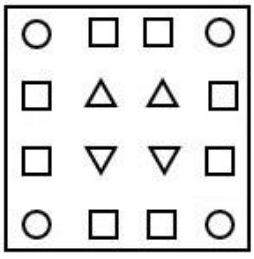


Ans

✘ 1.


✘ 2.


✘ 3.


✔ 4.


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

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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**

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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 : **--**

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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**

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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 : **--**

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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 : **--**

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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**

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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 : **--**

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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**

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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**

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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 : **--**

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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**

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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**

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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

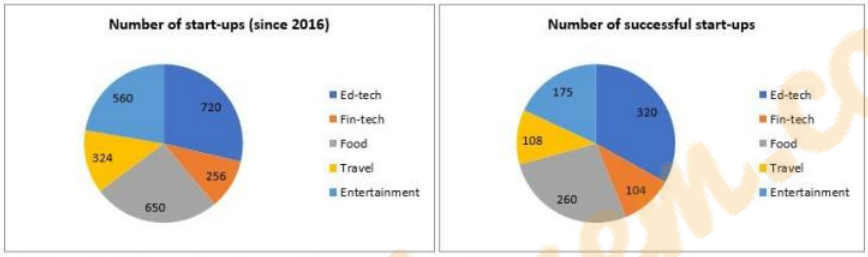
Question ID : **26433061721**
Status : **Not Answered**
Chosen Option : **--**

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**

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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**

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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**

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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

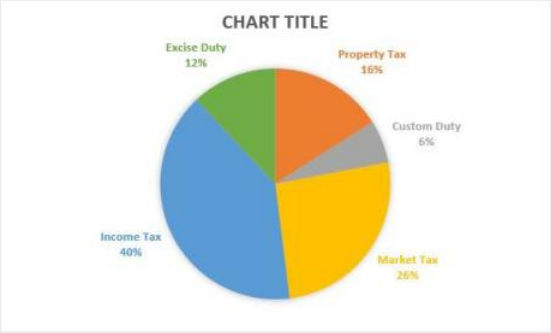
✓ 2. 7

✗ 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. $\frac{25}{18}$

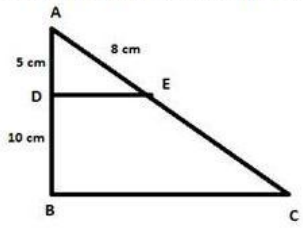
✗ 4. $\frac{5}{18}$

Question ID : **26433099293**
Status : **Answered**
Chosen Option : **3**

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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**

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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**

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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%

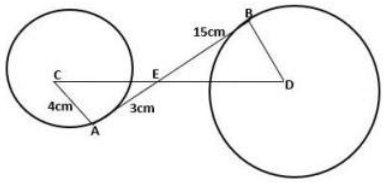
✗ 2. 10%

✗ 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

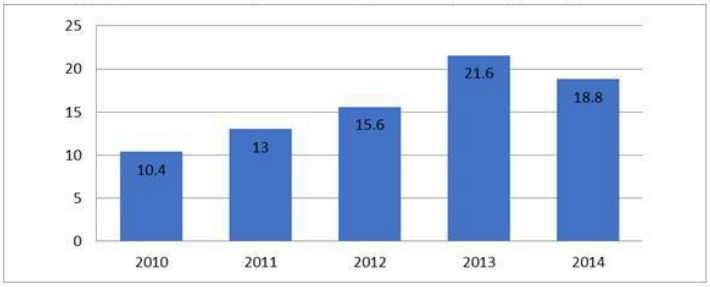
Question ID : **26433065098**
Status : **Answered**
Chosen Option : **3**

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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 : **--**

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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**

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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

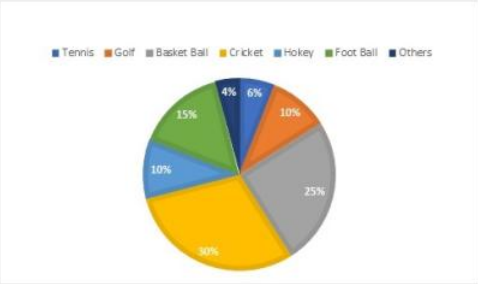
✗ 3. 0

✗ 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

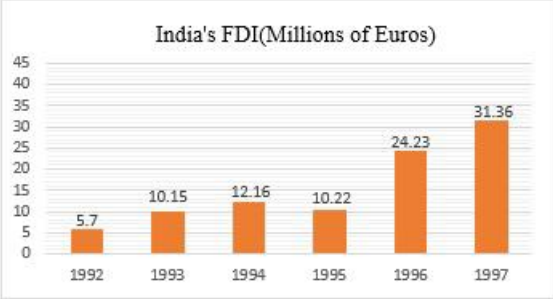
✓ 4. ₹30,00,000

Question ID : **26433074238**
Status : **Answered**
Chosen Option : **4**

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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

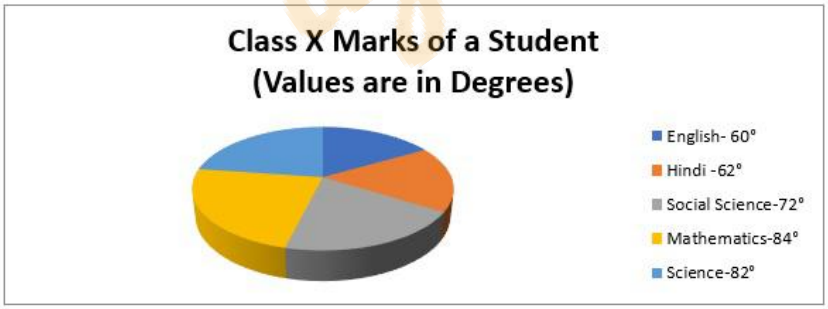
Question ID : **26433066384**
Status : **Answered**
Chosen Option : **3**

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**

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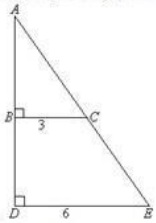
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Q.44 If $\sin^2\theta = \cos^3\theta$, then the value of $(\cot^2\theta - \cot^6\theta)$ is:

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?

$\sqrt{36 \div 15 \text{ of } 2 \text{ of } [25 \times 4 \div 4 \text{ of } \{29 - (8 - 11) \div (9 \times 5 \div 5 \text{ of } 3)\}]}$

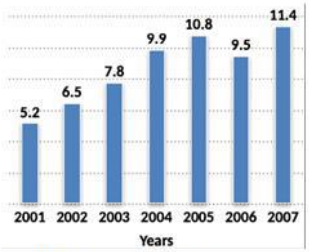
Ans
✘ 1. $1\frac{5}{6}$
✔ 2. $1\frac{1}{5}$
✘ 3. $2\frac{4}{5}$
✘ 4. $2\frac{3}{5}$

Question ID : **26433061878**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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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**

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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**

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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 <u>went to get</u> 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 <u>rejected</u> 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**

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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**

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Q.15 **Select the most appropriate ANTONYM of the underlined word.**

The <u>penitent</u> 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 <u>lesson</u> 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 <u>leap into</u> the air.

Ans
✘ 1. No substitution required
✘ 2. leap in
✔ 3. leapt into
✘ 4. leaping into

Question ID : **26433060063**
Status : **Not Answered**
Chosen Option : **--**

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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 : **--**

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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**

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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**

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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**

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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 took a quick trip 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**

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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**

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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.
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 : 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**

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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.
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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 : 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**

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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**

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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**

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