## 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  $\div$ , and  $\div$  means +, what will be the value of the following expression?  $65 \div 35 + 72 \times 8 - 5$ 

Ans X 1. 195

X 2. 45

X 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

X 1. MIDWF

2. MJDWF

X 3. MDJWF

X 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 X 1. Both conclusions I and II follow

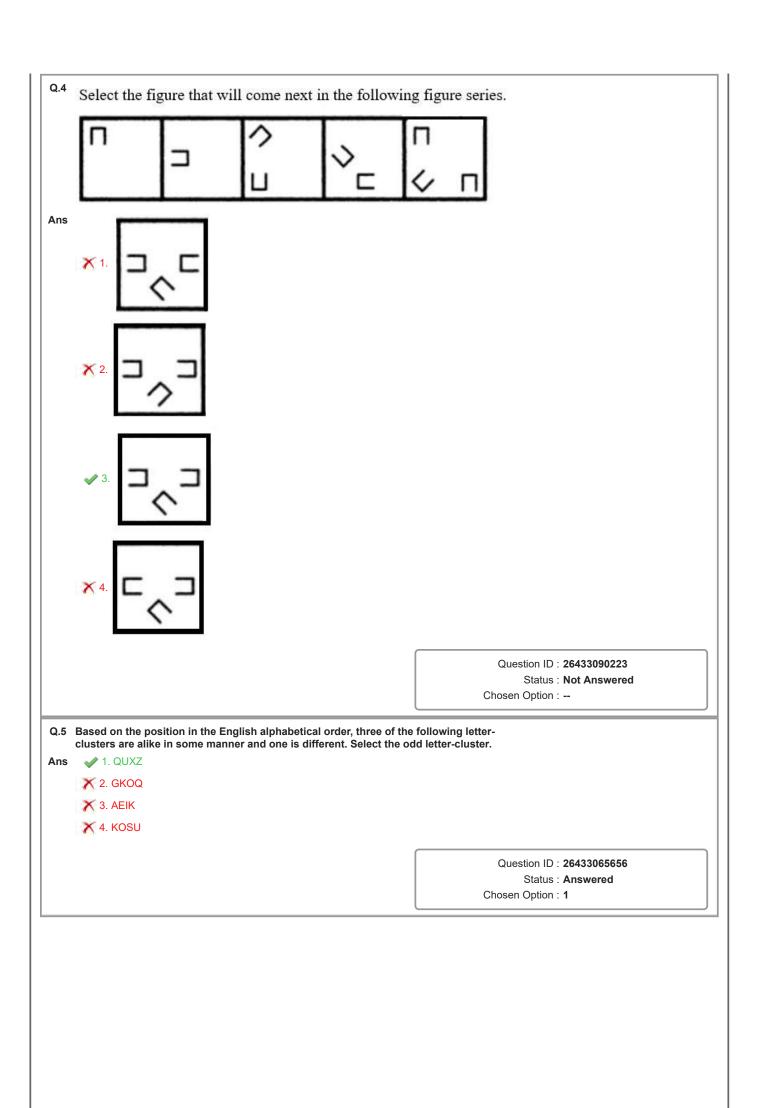
2. Only conclusion II follows

3. Neither conclusion I nor II follows

4. Only conclusion I follows

Question ID: 26433056690

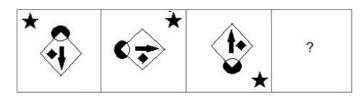
Status: Answered



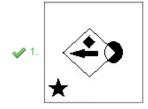
In a code language, 'you are tall' is coded as 'la da ma', 'you workout daily' is coded as 'la pa ka', and 'daily workout makes you tall' is coded as 'ka pa ja la ma'. What is the code for the word 'makes'? Ans X 1. ma 🥠 2. ja X 3. la X 4. pa Question ID: 26433056412 Status: Answered Chosen Option: 2 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, ? √ 1. IHF Ans X 2. IFH X 3. FHI X 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 X 1. Only conclusion I follows 2. Both conclusions I and II follow 3. Only conclusion II follows X 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 X 1. JSBF Ans X 2. JTBF X 3. JTBG 4. JSAF Question ID: 26433067965 Status: Answered Chosen Option: 4

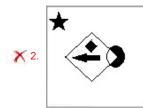
Q.10 Six students are sitting around a circular table facing the centre. Salman is an immediate neighbour of both Kiran and Shwetha. Bala is sitting second right to Salman. Shwetha is sitting third to the left of Bala. Akshay is an immediate neighbour of both Bala and Nishitha. Who is the immediate neighbour of Nishitha and Salman? Ans 🔭 1. Bala X 2. Kiran 3. Shwetha X 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. \_FO\_LLWF\_OOL\_WFF\_O\_L X 2. F F L L O O W X3.FFOLLOL **X** 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? √ 1. 20 km 💢 2. 6 km X 3. 2 km X 4. 28 km Question ID: 26433057312 Status : Answered Chosen Option: 1

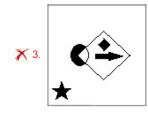
Q.13 Select the figure that will replace the question mark (?) in the following figure series.

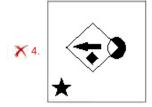


Ans









Question ID : 26433070426

Status : Answered

Chosen Option :  ${\bf 1}$ 

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 X 1. 1,4,2,5,3

**2**. 1,5,3,4,2

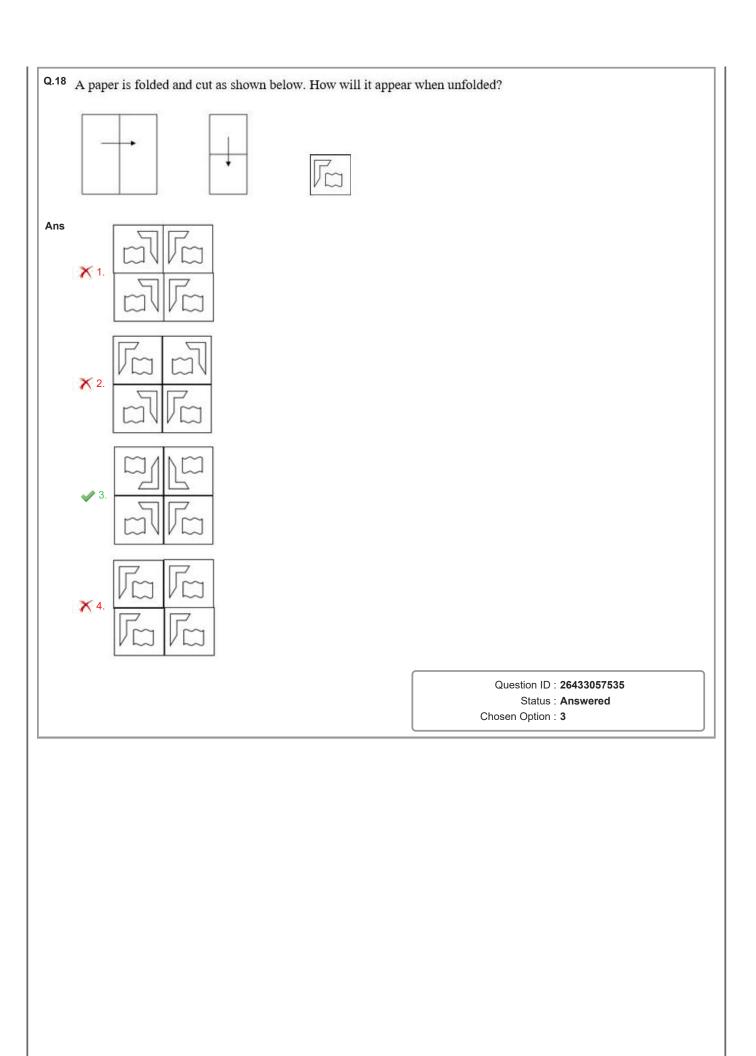
**X** 3. 1,2,3,4,5

**X** 4. 5,4,3,2,1

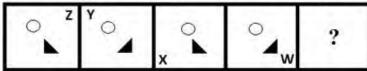
Question ID : 26433070315

Status : **Answered** 

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 X 1. fern X 2. max √ 3. mel X 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) **X** 3. (42, 18, 21) **X** 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 X 1. 41325 X 2. 14325 **3**. 41352 X 4. 14253 Question ID: 26433057995 Status: Answered Chosen Option: 3

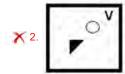


Q.19 Select the figure that will come in place of the question mark (?) in the following figure series.

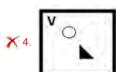


Ans









Question ID : 26433056946

Status : Answered

Chosen Option: 3

Q.20 If  $\div$  means -, - means  $\times$ ,  $\times$  means  $\div$ , what will come in place of the question mark (?)?

 $132 + 6 - 9 \times 13 \div 31 = ?$ 

**Ans** 🚀 1. 180

**X** 2. 206

X 3. 216

**X** 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

$$\times$$
 2.  $\frac{89}{7}$ 

$$\times$$
 3.  $\frac{113}{7}$ 

Question ID: 26433056267

Status : Answered

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 1. M is the brother of R. X 2. M is the daughter-in-law of R. X 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 'x', 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 X 2. 228 X 3. 216 **X** 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 X 1. JWO64 2. JWO512 X 3. JWO484 X 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. +, −, −, +, = X 3. +, -, ×, +, = X 4. ×, -, -, +, = Question ID: 26433068686 Status: Answered Chosen Option: 2

Q.26 If A denotes '+', B denotes 'x', 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 = ? **1.** 100 Ans **X** 2. 98 X 3. 92 **X** 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) **X** 2. (10, 9, 1730) **X** 3. (7, 8, 2565) **X** 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 XCY X 2. OLP X 3. TGU 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. 1. Neither conclusion I nor II follows X 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

X 2. 131 **3**. 133 **X** 4. 140 Question ID: 26433057021 Status: Answered Chosen Option: 3 Q.31 Select the Venn diagram that best illustrates the relationship between the following Prime minister, Finance minister, Union Government Ans 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 X 1. 65 **2**. 60 X 3. 70 **X** 4. 58 Question ID: 26433057574 Status: Answered Chosen Option : 2

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 X 1. 136

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

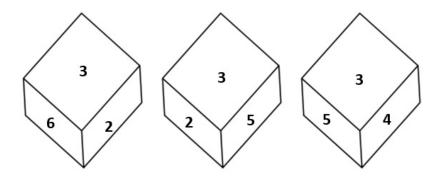


Figure 1

Figure 2

Figure 3

Ans X 1. 3

X 2. 1

**X** 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 X 1. (23, 110, 12)

**X** 2. (20, 200, 8)

**X** 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

X 1. 5 km towards east

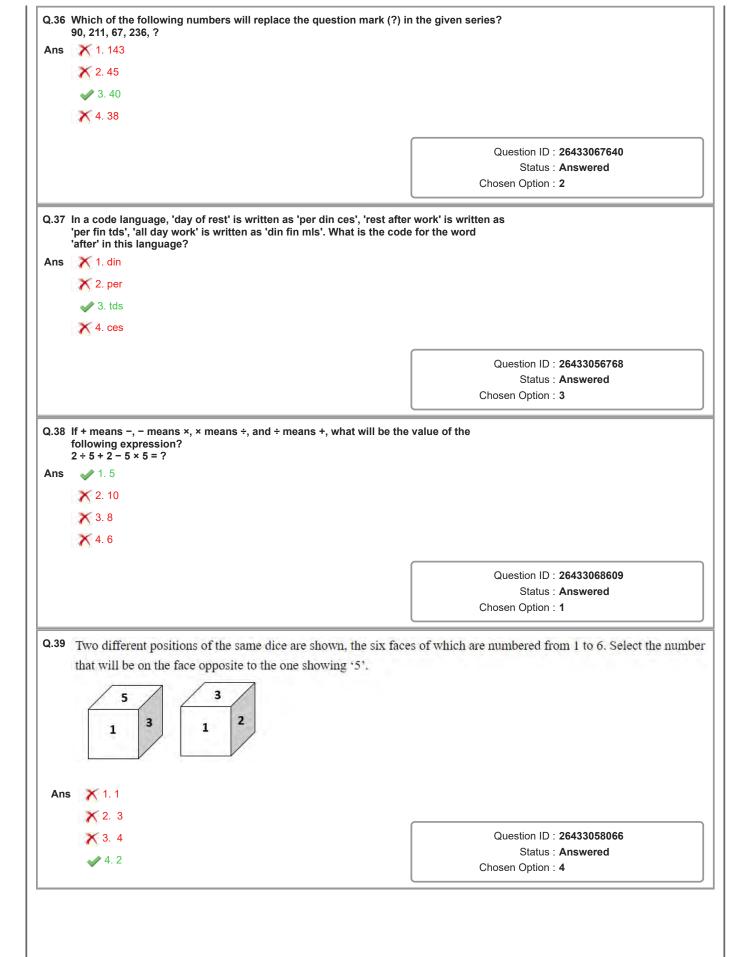
2. 3 km towards west

X 3. 4 km towards north

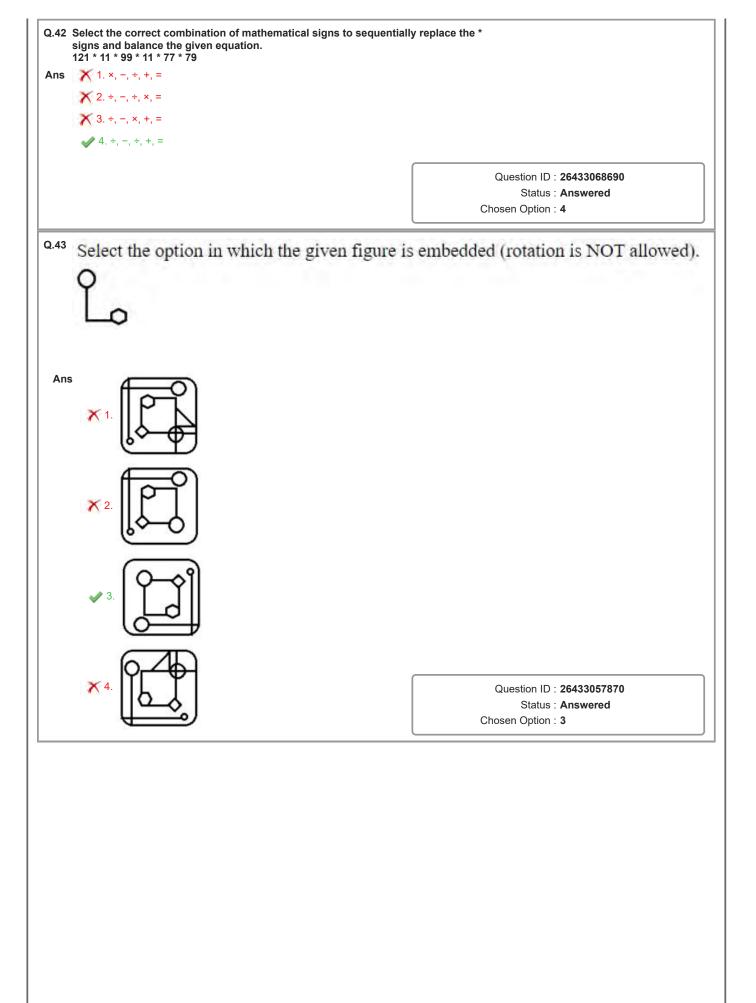
X 4. 2 km towards south

Question ID: 26433068277

Status : Answered



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 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 X 1. 436 **2**. 546 **X** 3. 463 X 4. 564 Question ID: 26433059921 Status : Not Attempted and Marked For Review Chosen Option: --



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

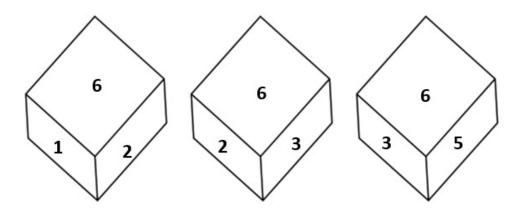


Figure 1 Figure 2 Figure 3

Ans X 1. 3

**2**. 2

**X** 3. 6

**X** 4. 1

Question ID : 26433069061 Status : Answered

Q.45 A paper is folded and cut as shown below. How will it appear when unfolded? Ans 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, ? **1**. 207 **X** 2. 206 **X** 3. 205 **X** 4. 208 Question ID: 26433057346 Status: Answered Chosen Option: 1

	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.
Ans	F is not an immediate neighbour of B. Who sits to the extreme left?  1. B
7 1110	<b>※</b> 2. D
	<b>※</b> 3. E
	<b>★</b> 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	<ul> <li>○ □ ○</li> <li>□ △ △ □</li> <li>□ □ □ □</li> <li>○ △ △ ○</li> </ul>
	×2.  Ο □ □ Ο  □ Δ Δ □  □ Δ Δ □  Ο □ □ Ο
	×3. □ Δ □ Δ □ Δ □ Δ □ Δ □ Δ □ Δ □ Δ □ Δ □
	<ul> <li>✓ 4.</li> <li>O □ □ O</li> <li>□ Δ Δ □</li> <li>□ ∇ ∇ □</li> <li>O □ □ O</li> <li>Question ID : 26433065991</li> <li>Status : Answered</li> <li>Chosen Option : 4</li> </ul>

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 1. Coach : Player X 2. Cup : Plate X 3. Tea: Coffee X 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? 1. Wife's father Ans X 2. Wife's brother X 3. Father X 4. Brother Question ID: 26433074713 Status: Answered Chosen Option : 1 Section: General Knowledge and General Awareness 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 X 1. 50% √ 2. 85% X 3. 75% X 4. 25% Question ID: 26433064104 Status: Not Answered Chosen Option: --Q.2 Shivaji, the famous Maratha warrior fought against who among the following Mughal Ans X 1. Humayun X 2. Shahjahan X 3. Akbar 4. Aurangzeb Question ID: 26433071396 Status: Answered Chosen Option: 4

.3	By the 42 <sup>nd</sup> Amendment in 1976, as introduced by the	, the enapter on the
	fundamental duties of citizens was incorporated into the Con	stitution.
Ans	1. Shah Nawaz Committee	
	X 2. Sachar Committee	
	X 4. Balwant Rai Mehta Committee	
		Quarties ID : 26/2205/6/10
		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 day after the new moon day.  II. After the full moon day, the sunlit part of the moon visible fin size every day.	
Ans	✓ 1. Both I and II	
	× 2. Only I	
	X 3. Neither I nor II	
	X 4. Only II	
		Question ID : 26433054942
		Status : Not Answered
	**	Chosen Option :
	defeated Rajputs in 1528.	Chosen Option :
	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur	Chosen Option :
	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur	Chosen Option :  ral Emperor had  Question ID : 26433099209
	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur	Question ID : 26433099209 Status : Not Attempted and Marked For Review
	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur	Chosen Option :  ral Emperor had  Question ID : 26433099209
Ans	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :
Q.6	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :
Ans	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :
Q.6	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?  1. Nanban	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :
Q.6	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?  1. Nanban  2. Vishwaroopam	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :
Ans	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?  1. Nanban  2. Vishwaroopam  3. Ambuli	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :
Ans	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?  1. Nanban  2. Vishwaroopam  3. Ambuli	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :  raj win the 'Best  Question ID : 26433054499
Ans	defeated Rajputs in 1528.  1. Akbar  2. Jahangir  3. Babur  4. Humayun  In 2012, for which of the following films did Pandit Birju Maha Choreography' category National Award?  1. Nanban  2. Vishwaroopam  3. Ambuli	Question ID : 26433099209 Status : Not Attempted and Marked For Review Chosen Option :

Q.7	Who among the following was the founder of the Bhoodan Yajna (La movement?	and Gift)	
Ans	X 1. Mahatma Gandhi		
	X 2. Tarabai Shinde		
	X 3. Atmaram Joshi		
	✓ 4. Vinoba Bhave		
	·		
			26433066654
		Status : Chosen Option :	Not Answered
		Onoscii Option .	
Q.8	Which of the following pair of human disease – microorganism – mo	de of	
	transmission is correct?  I. Tuberculosis – Virus – Air		
	II. Chicken Pox – Virus – Water/Food		
Ans	X 1. Only II		
	2. Both I and II		
	✓ 3. Neither I nor II		
	4. Only I		
		Ougstion ID.	26422055409
			26433055108 Not Answered
		Chosen Option :	-
	Which of the following statement is NOT correct regarding hydrocar		
Ans	X 1. Saturated hydrocarbons are fairly unreactive and are inert in the reagents.	presence of most	
	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 catal	ysts such as	
	palladium or nickel to give saturated hydrocarbons.		
		Ouestion ID :	26433054911
			Not Answered
		Chosen Option :	-
0.40	The second secon	Duld als faces a	
Q.10	The war that spread beyond Southern India and into Bengal, where under Robert Clive recaptured Calcutta from Nawab Sirajud-Daulah,		
	support of French, was		
Ans	X 1. The Battle of Buxar in 1764		
	✓ 2. The Battle of Plassey in 1757		
	X 3. The Battle of Wandiwash in 1760		
	X 4. The Battle of Adyar in 1746		
		Ouestion ID :	26433099220
			Answered
		Chosen Option :	2
	The Indian judicial system is based on:  1. both integrated and dual system		
Ans			
	X 2. dual court system		
	X 3. multiple court system		
		Ouestion ID :	26433054097
		· ·	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.

X 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 X 1. International Olympic Council

X 2. Asian Games Federation

3. Commonwealth Games Federation

X 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

X 1. Shashadhar Acharya

🟋 2. Birju Maharaj

X 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 X 1. Rupinder Pal Singh

X 2. Gurjant Singh

X 3. Simranjeet Singh

4. Harmanpreet Singh

Question ID: 26433054659 Status: Not Answered

Q.17 Ans	Which of the following pairs of chemical elements and their symbol 1. Phosphorus – P	s is INCORRECT?	
71110	✓ 2. Potassium – Po		
	X 3. Iron − Fe		
	X 4. lodine − l		
			26433053979
		Chosen Option :	Answered 2
	A FIBA sanctioned game of basketball typically consists of		
Ans	X 1. 4 quarters of 15 minutes each		
	X 2. 2 halves of 30 minutes each		
	3. 4 quarters of 10 minutes each		
	X 4. 2 halves of 25 minutes each		
		Question ID :	26433059451
			Not Answered
		Chosen Option :	
Q.19	At places the groundwater is stored between layers of hard rock be	low the water table.	
Ans	This is known as an  1. pond		
Allo	X 2. lake		
	X 3. well		
	✓ 4. aquifer		
	· · · · · · · · · · · · · · · · · · ·		
			26433054945
		Status : Chosen Option :	Answered
Q.20	What approximate percentage of geographical area of India is drain Godavari?	ed by river	
Ans	× 1. 40%		
	× 2. 20%		
	<b>✓</b> 3. 10%		
	× 4. 30%		
		Question ID :	26433067195
			Not Answered
		Chosen Option :	-
Q.21	What time period is considered as the first phase of the Green Revo	lution in India?	
Ans	✓ 1. Mid-1960s to Mid-1970s		
	X 2. Mid-1940s to Mid-1950s		
	X 3. Mid-1950s to Mid-1960s		
	X 4. Mid-1970s to Mid-1980s		
		0	200422054027
			26433054637 Not Answered
		Chosen Option :	-

Q.22 In India, from June to September which type of weather prevails? Ans X 1. Autumn X 2. Winter X 3. Spring 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 X 1. 5 X 2.4 **3**. 3 **X** 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 X 1. Mahasu dance 2. Jhumur dance X 3. Lambadi dance X 4. Karga dance Question ID: 26433090720 Status: Not Answered Chosen Option: --Q.25 Choose from the following the novel written by Vikram Seth. 1. A Suitable Boy X 2. Half Girlfriend X 3. One Indian Girl X 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 X 1. Bihar X 2. Goa X 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. X 1. Saraswati Chandra Ans X 2. Durgeshnandini 3. Anand Math X 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 X 1. Neither I nor II X 2. Only II X 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 X 1. The Deccan Plateau X 2. The Central Highland 3. The Northern Plain X 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? 1. Ghatam X 2. Mridangam X 3. Sarod X 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 X 2. Allahabad and Jaipur X 3. Allahabad and Kanpur X 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	X 1. Capacitance	
	X 2. Resistance	
	✓ 3. Electric current	
	X 4. Magnetism	
		Question ID : 26433064123
		Status : Not Attempted and Marked For Review
		Chosen Option :
	From which country's constitution has the Constitution of Single Citizenship and Parliamentary system of Gove	
Ans	X 1. Australia	
	X 2. Canada	
	X 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	X 1. Odisha	
	X 2. Jharkhand	
	X 3. Andhra Pradesh	
	✓ 4. Gujarat	
		Question ID : 26433081914
		Status : <b>Not Answered</b> Chosen Option :
	The first President of the All India Trade Union Congress	s was
Ans	X 1. C Rajagopalachari	
	✓ 2. Lala Lajpat Rai	
	X 3. Chandra Shekhar Azad	
	4. Motilal Nehru	
		Question ID : 26433055018
		Status : Not Answered
		Chosen Option :
0.00	Page la page handle and the state of sections of	management and the conservation
	People of have hardly any idea of extremes of te rhythm of weather.	mperature and the seasonal
Ans	X 1. Indore	
	✓ 2. Mumbai	
	X 3. Jaisalmer	
	X 4. Lucknow	
	T. EUOKTOW	
	4. Edulov	
	A. Eddition	Question ID: 26433092849
	A. Eddidov	Question ID : 26433092849 Status : Answered Chosen Option : 2

	Which of the following Articles of the Constitution gives the right belonging to any caste, to apply for any of the public employmen	
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	X 1. Pteridophyta	
	× 2. Angiosperms	
	X 4. Bryophyta	
		Question ID : 26433055094
		Status : Not Answered
		Chosen Option :
Q.39	In which year did Ambedkar start a temple entry movement?	
Ans		
	<b>✓</b> 2. 1927	
	<b>X</b> 3. 1925	
	<b>X</b> 4. 1938	
		Question ID : 26433081959 Status : Not Answered
		Chosen Option :
		I I
0.40	Which Article of the Constitution of India deals with the annointm	ent of ad-hoc
	Which Article of the Constitution of India deals with the appointmining judges?	nent of ad-hoc
	judges?  1. Article 126	nent of ad-hoc
	judges?  1. Article 126  2. Article 127	nent of ad-hoc
	judges?  1. Article 126  2. Article 127  3. Article 128	nent of ad-hoc
	judges?  1. Article 126  2. Article 127	nent of ad-hoc
	judges?  1. Article 126  2. Article 127  3. Article 128	Question ID : 26433064722
	judges?  1. Article 126  2. Article 127  3. Article 128	Question ID : 26433064722 Status : Answered
	judges?  1. Article 126  2. Article 127  3. Article 128	Question ID : 26433064722
Ans	judges?  1. Article 126  2. Article 127  3. Article 128	Question ID : <b>26433064722</b> Status : <b>Answered</b>
Ans	judges?  X 1. Article 126  ✓ 2. Article 127  X 3. Article 128  X 4. Article 125	Question ID : 26433064722 Status : Answered
Ans	judges?  1. Article 126  2. Article 127  3. Article 128  4. Article 125  Malic acid is most abundantly found in	Question ID : 26433064722 Status : Answered
Ans	judges?  X 1. Article 126  2. Article 127  3. Article 128  4. Article 125  Malic acid is most abundantly found in  1. ginger	Question ID : 26433064722 Status : Answered
Ans	judges?  1. Article 126  2. Article 127  3. Article 128  4. Article 125   Malic acid is most abundantly found in  1. ginger  2. lemon	Question ID : 26433064722 Status : Answered
Ans	judges?  X 1. Article 126  ✓ 2. Article 127  X 3. Article 128  X 4. Article 125   Malic acid is most abundantly found in  X 1. ginger  X 2. lemon  ✓ 3. apple	Question ID : 26433064722 Status : Answered Chosen Option : 3
Ans	judges?  X 1. Article 126  ✓ 2. Article 127  X 3. Article 128  X 4. Article 125   Malic acid is most abundantly found in  X 1. ginger  X 2. lemon  ✓ 3. apple	Question ID : 26433064722 Status : Answered

Q.42 received the Naatya Padhmam award from Brahma Gana Sabha on 24 December 2021. Ans X 1. Priyadarshini Govind 2. Srekala Bharath X 3. Rekha Prakash X 4. Harinie Jeevitha Question ID: 26433054494 Status: Not Answered Chosen Option: --Q.43 Amylase enzyme can be found in \_\_\_\_ Ans X 1. the stomach X 2. the liver X 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 X 1. Padma Bhushan X 2. Padma Shri 3. Padma Vibhushan X 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 X 1. 1963-69 X 2. 1961-65 X 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 X 1. Hangzhou, China 2. Melbourne, Australia X 3. Abu Dhabi, United Arab Emirates X 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	X 1. Sattriya	
	X 2. Kathakali	
	✓ 3. Odissi	
	X 4. Kuchipudi	
		Question ID : 26433054135
		Status : <b>Not Answered</b> Chosen Option :
		5
Q.48	In which of the following languages did Amoghavarsha write Kavira	jamarga?
Ans	1. Tamil	
	× 2. Sanskrit	
	√ 3. Kannada	
	X 4. Telugu	
		Question ID : 26433082056 Status : Not Answered
Q.49	Wheatstone bridge is an arrangement of resistors used	Status : <b>Not Answered</b> Chosen Option :
Q.49 Ans	Wheatstone bridge is an arrangement of resistors used measurement of resistance.	Status : <b>Not Answered</b> Chosen Option :
	measurement of resistance.	Status : <b>Not Answered</b> Chosen Option :
	measurement of resistance.  1. three	Status : <b>Not Answered</b> Chosen Option :
	measurement of resistance.  1. three  2. six	Status : <b>Not Answered</b> Chosen Option :
	measurement of resistance.  1. three 2. six 3. five	Status : Not Answered Chosen Option : or accurate
	measurement of resistance.  1. three 2. six 3. five	Status : <b>Not Answered</b> Chosen Option :
	measurement of resistance.  1. three 2. six 3. five	Status : Not Answered Chosen Option : or accurate  Question ID : 26433055076
Ans	measurement of resistance.  1. three 2. six 3. five 4. four	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST?	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST?  1. Hand sanitisers	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST?  1. Hand sanitisers 2. Pens	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST? 1. Hand sanitisers 2. Pens 3. Alcohol for human consumption	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST?  1. Hand sanitisers 2. Pens	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST? 1. Hand sanitisers 2. Pens 3. Alcohol for human consumption	Status: Not Answered Chosen Option:  Or accurate  Question ID: 26433055076 Status: Not Answered Chosen Option:
Ans	measurement of resistance.  1. three 2. six 3. five 4. four  Which of the following commodities are exempted from GST? 1. Hand sanitisers 2. Pens 3. Alcohol for human consumption	Status : Not Answered Chosen Option :  or accurate  Question ID : 26433055076 Status : Not Answered

## **Section: Quantitative Aptitude**

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
В	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 X 1.42

X 2. 45

**X** 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

Ans

- $\times$  1. Decreases by  $2\frac{1}{5}\%$
- $\times$  2. Increases by  $2\frac{1}{3}\%$
- $\times$  3. Decreases by  $1\frac{3}{5}\%$
- $\checkmark$  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 X 1. 38 years

X 2. 36 years

3. 37 years

X 4. 35 years

Question ID: 26433073147

Status: Answered

#### 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 **X** 2. 6

**X** 3. 2

X 4. 66

Question ID: 26433061721 Status: Not Answered

Chosen Option: --

#### Q.5 Which of the following is the lowest ratio?

**1**. 3 : 22

**X** 2. 23 : 29

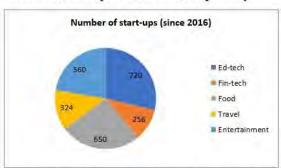
**X** 3. 17 : 5

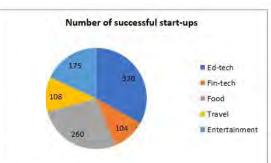
**X** 4. 5 : 19

Question ID: 26433063706 Status: Answered

Chosen Option: 1

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** 

X 2. 5 : 17

**X** 3. 7 : 16

X 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 X 1. 3

**X** 2. 40

**3**. 5

X 4. 15

Question ID: 26433063989

Status: Answered

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 X 1.44

2. 48

**3**. 40

**X** 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 X 1. Rs. 330

2. Rs. 360

X 3. Rs. 365

X 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<sup>2</sup> - 2

 $\times$  2.  $P^2 + 2$ 

**√** 3. P<sup>4</sup> - 2

 $\times$  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 
$$\times 1 - \tan^2 \theta$$

$$\times$$
 2.  $tan^2\theta - 1$ 

$$\checkmark$$
 3.  $\cot^2\theta - 1$ 

$$\times$$
 4.  $1 - \cot^2 \theta$ 

Question ID: 26433058929

Status : Answered

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 X 1. 10% X 2. 15% **X** 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: **1.** 0 **X** 2. −1 **X** 3. 2 X 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 X 1. 3 **2**. 4 **X** 3.8 **X** 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. **√** 2. 15 : 7 > 5 : 11 > 21 : 77 **X** 3. 15 : 7 > 21 : 77 > 5 : 11 **X** 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 **X** 2. 78,000 3. 86,400 **4**. 88,200 Question ID: 26433065060 Status: Answered

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 X 1. 2
  - **2**. 7
  - **X** 3. 5
  - X 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 X 1. 540
  - **X** 2. 560
  - **3**. 740
  - X 4. 760

Question ID: 26433076289

Status: Answered

Chosen Option: 3

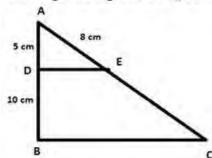
Q.19 The value of  $6\frac{8}{15} \div \frac{7}{9}$  of  $\left(1\frac{1}{10} + 5\frac{1}{5}\right) + \frac{2}{5} \div 7\frac{1}{5}$  is:

- $\frac{5}{18}$

Question ID: 26433099293

Status : Answered

Q.20 In the given figure, DE  $\parallel$  BC. If AD = 5 cm, DB = 10 cm, and AE = 8 cm, then AC is:



Ans

X 2. 32 cm

X 3. 8 cm

X 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 
$$1 a^2b^2(a^2+b^2)$$

$$\checkmark$$
 2.  $a^2b^2(a^2-b^2)$ 

$$\times$$
 3.  $a^2b^3(a^2+b^2)$ 

$$\times$$
 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:

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

Question ID: 26433074286

Status: Answered

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
  - X 2. Hindi
  - X 3. Commerce
  - \chi 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

- Ans X 1. 120
  - **X** 2. 112
  - **3**. 105
  - **X** 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 X 1. 2

- **2**. 1
- X 3.4
- **X** 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  $\times 1. 22 \sqrt{2} \text{ cm}^2$ 
  - $\times$  2. 30  $\sqrt{2}$  cm<sup>2</sup>
  - $\times$  3. 28  $\sqrt{2}$  cm<sup>2</sup>
  - $\checkmark$  4. 40 √2 cm<sup>2</sup>

Question ID : 26433075129

Status: Answered

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

X 1. 20%

×2. 10%

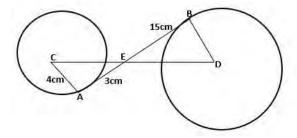
X 3. 15%

**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 X 1. 20 cm

X 2. 15 cm

💢 3. 10 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 X 1. 16

X 2. 20

**3**. 36

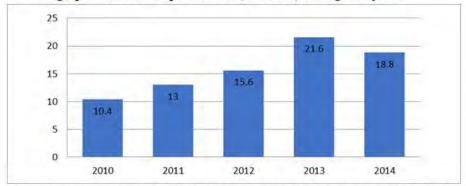
X 4. 25

Question ID: 26433065098

Status: Answered

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 X 1.4

X 2. 1

**3**. 3

X 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.

√ 1. 15.5 sec

X 2. 29 sec

X 3. 31 sec

X 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 X 1. 10

**2**. 20

**X** 3. 30

X 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?

X 1. 820 m

X 2. 780 m

🥒 3. 840 m

X 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 X 1. 46 sq.cm

√ 2. 45 sq.cm

X 3. 47 sq.cm

X 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

$$\times$$
 1.  $16\frac{1}{3}\%$ 

$$\times$$
 3.  $33\frac{1}{3}\%$ 

$$\times$$
 4.  $16\frac{2}{3}\%$ 

Question ID: 26433062633

Status: Answered

Chosen Option: 4

If 
$$\sqrt{1 + \frac{x}{529}} = \frac{24}{23}$$
, then the value of x is:

Ans X 1. 15

X 2. 27

**3**. 47

**X** 4. 30

Question ID: 26433066269

Status: Answered

Chosen Option: 3

Q.38 The area of the base of a cone is 616 cm<sup>2</sup>. If its slant height is 20 cm, then what is the total surface area of the cone? [Use  $\pi$  = 22/7]

Ans

X 1. 1352 cm<sup>2</sup>

X 2. 1296 cm<sup>2</sup>

√ 3. 1496 cm<sup>2</sup>

X 4. 1524 cm<sup>2</sup>

Question ID: 26433071348

Status: Answered

Q.39

The value of  $\frac{\sin A}{\cot A + \csc A} - \frac{\sin A}{\cot A - \csc A} - 1$  is:

Ans

- $\times$  1.  $\frac{1}{2}$
- **2**. 3
- **X** 3. 0
- **X** 4. 2

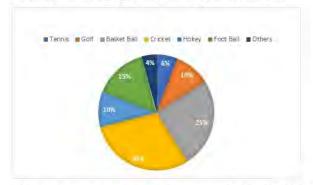
Question ID : 26433062671

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
- **X**<sup>2</sup>. ₹10,00,000
- **×**3. ₹40,00,000
- √ 4. ₹30,00,000

Question ID : 26433074238

Status: Answered

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 X 1. 1997

X 2. 1994

**3**. 1996

X 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?

X 2. 37

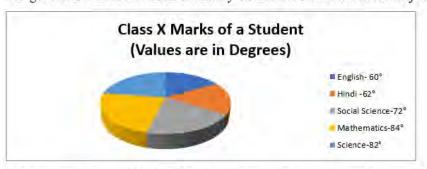
X 3. 38

**4**. 36

Question ID: 26433063810 Status: Answered

Chosen Option: 4

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 X 1. 2

**2**. 10

**X** 3. 1

**X** 4. 5

Question ID: 26433074345

Status: Answered

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

Ans 🧼 1. -1

**X** 2. 0

**X** 3. 2

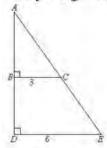
X 4. 1

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 X 1. 3

2. 3.5

**X** 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

**X** 2. 45

**X** 3. 1

**X** 4. 0

Question ID : 26433061184

Status : Answered

Chosen Option : 1

Q.47 What is the positive value of the following expression?

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

Ans

 $\times$  1.  $1\frac{5}{6}$ 

√ 2. 1<sup>1</sup>/<sub>2</sub>

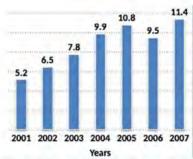
 $\times$  3.  $2\frac{4}{5}$ 

 $\times$  4.  $2\frac{3}{5}$ 

Question ID : 26433061878

Status : Not Attempted and Marked For Review

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.

**2**. 20%

**X** 3. 16%

**X** 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 X 1. Rs. 937.5

X 2. Rs. 9,000

X 3. Rs. 9,365

4. Rs. 9,375

Question ID : 26433064026

Status : Answered

Chosen Option: 4

If  $\sin A = \frac{1}{2}$ , then the value of  $(\tan A + \cos A)$  is:

$$\times$$
 1.  $\frac{2}{2\sqrt{2}}$ 

$$\frac{3}{2\sqrt{3}}$$
 2.  $\frac{3}{2\sqrt{3}}$ 

$$\sqrt{3}$$
.  $\frac{5}{2\sqrt{3}}$ 

$$\times$$
 4.  $\frac{5}{3\sqrt{3}}$ 

Question ID: 26433058435

Status: Answered

# **Section : English Comprehension**

0.1	Select the most appropriate superum of the given word		
Q.1	Select the most appropriate synonym of the given word. Conjure		
Ans	✓ 1. Appeal		
	X 2. Quiet		
	X 3. Appease		
	X 4. Content		
			: 26433059077 : Not Answered
		Chosen Option	
Q.2	Select the INCORRECTLY spelt word.		
Ans	X 1. Cushion		
	X 2. Scientist		
	✓ 3. Posthumusly		
	X 4. Laboratory		
		0 1 10	
			: 26433060417 : Answered
		Chosen Option	
Q.3	Select the option that expresses the given sentence in passive voic Sugar tastes sweet.	ce.	
Ans	X 1. Sugar is sweet when it has been tasted sweet.		
	2. Sugar is sweet when it is tasted.		
	X 3. Sugar is sweet when tastes.		
	X 4. Sugar is sweet when tasted.		
	1905		
			26433058571
		Status Chosen Option	: Answered
		Chosen Option	. <b>2</b>
Q.4	Select the most appropriate option that can substitute the underlin	ed segment in the	
	given sentence. Why should <u>I be suspect</u> by you?		
Ans	X 1. I been suspected		
	X 2. I been suspect		
	X 3. I have been suspect		
	✓ 4. I be suspected		
			26433059675
		Chosen Option	: Answered
		Onesen option	•
Q.5	Select the most appropriate meaning of the underlined idiom in the sentence.	following	
	A wise man remains aware of <u>fair-weather friends</u> .		
Ans	1. A person from an area of pleasant weather		
	X 2. A person with good knowledge of weather		
	X 3. A helpful person		
	4. A person not reliable in difficult time		
			: 26433072515 : Answered
		Chosen Option	

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. X 1. had gotten Ans X 2. gone to get X 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 X 1. Seen through X 2. Stand out 3. Set aside X 4. Run in Question ID: 26433072824 Status: Answered Chosen Option: 3 Q.8 Identify the sentence that correctly uses the indefinite article. √ 1. A taco is a traditional Mexican dish consisting of a tortilla topped with a filling. Ans X 2. A taco is a traditional Mexican dish consisting of an tortilla topped with filling. X 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 X 1. To do something carefully X 2. To do something with caution X 4. To do something after thinking about the result Question ID: 26433092864 Not Attempted and Marked For Review Status : Chosen Option: --Q.10 Select the INCORRECTLY spelt word. ✓ 1. Whorle Ans X 2. Winch X 3. Weird X 4. Wench Question ID: 26433060484 Status: Answered Chosen Option: 3

	Select the most appropriate synonym of the given word.  Profit		
Ans	✓ 1. Benefit		
	× 2. Debt		
	X 3. Payment		
	× 4. Loss		
			: 26433059786 : Answered
		Chosen Option	
	Select the most appropriate meaning of the underlined segment in Vishnu was a naughty little boy, but I couldn't help having a soft sp		
Ans	X 1. liking someone immediately		
	X 2. getting on extremely well with someone		
	X 3. doing something good for someone you have done something b	ad to in the past	
	✓ 4. feeling a lot of affection for one particular person, often without	nowing why	
		Ouestion ID	· 26433059818
			: 26433059818 : Answered
	Select the most appropriate option that can substitute the underling given sentence. If there is no need to substitute it, select 'No substitute it always afraid of loosing her favourite doll.  1. of losing 2. to loosing	Status Chosen Option  ed segment in the	: Answered
	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substitute it select 'No substitute it select 'No substitute it, select 'No substitu	Status Chosen Option  ed segment in the	: Answered
	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substi	Status Chosen Option  ed segment in the	: Answered
	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substitute it select 'No substitute it select 'No substitute it, select 'No substitu	Status Chosen Option  ed segment in the	: Answered
	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substi	Chosen Option  ed segment in the itution required'.	: Answered : 4
	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substi	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substi	Chosen Option  ed segment in the itution required'.	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select 'No substi	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select to substitute it select 'No substitute it select to substitute it select 'No substitute it select 'No substitute it, se	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select the loosing    3. No substitution required    4. for loosing  Select the most appropriate ANTONYM of the underlined word.  The subordinates will vituperate us when they are irritated.	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select to substitute it select to substitute it select to substitute it select 'No substitute it, select '	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select to loosing    3. No substitution required   4. for loosing  Select the most appropriate ANTONYM of the underlined word.  The subordinates will vituperate us when they are irritated.  1. Blame  2. Abuse  3. Praise	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select to substitute it select to substitute it select to substitute it select 'No substitute it, select '	Chosen Option  ed segment in the stution required'.  Question ID Status	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select to loosing    3. No substitution required   4. for loosing  Select the most appropriate ANTONYM of the underlined word.  The subordinates will vituperate us when they are irritated.  1. Blame  2. Abuse  3. Praise	Chosen Option  ed segment in the stution required'.  Question ID Status Chosen Option	: Answered : 4
Ans	given sentence. If there is no need to substitute it, select 'No substitute it select to loosing    3. No substitution required   4. for loosing  Select the most appropriate ANTONYM of the underlined word.  The subordinates will vituperate us when they are irritated.  1. Blame  2. Abuse  3. Praise	Chosen Option  ed segment in the stution required'.  Question ID  Status Chosen Option	: Answered : 4

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	
	X 3. Penniless	
	X 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	X 1. rage	
	X 2. reluctance	
	√ 3. dilemma	
	X 4. sundry	
		Question ID : 26433058294
		Status : <b>Answered</b>
		Chosen Option : 3
Q.17	Select the most appropriate option that can substitute the underline given sentence. If there is no need to substitute it, select 'No substitute application of the medicine seemed to <u>lesson</u> his pain.	
Ans	1. No substitution required	
	X 2. lesion	
	✓ 3. lessen	
	X 4. lessoned	
		Question ID : 26433060064 Status : Answered
		Chosen Option: 3
Q.18	Select the most appropriate option that can substitute the underline given sentence. If there is no need to substitute it, select 'No substitute it,	
	The flames of the fire <u>leap into</u> the air.	
Ans	X 1. No substitution required	
	X 2. leap in	
	✓ 3. leapt into	
	X 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 X 2. tear up eyes X 3. No substitution required X 4. tearing eyes Question ID: 26433060060 Status: Answered Chosen Option: 1 Q.20 Select the most appropriate ANTONYM of the given word. **Vigorous** Ans X 1. Extreme 2. Delicate X 3. Energetic X 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 X 1. An extreme struggle X 2. To speak something unpleasant X 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 X 1. A fish out of water X 2. A white elephant X 3. A lone wolf 4. A black sheep Question ID: 26433058499 Not Attempted and Status: Marked For Review Chosen Option: --

Q.23	Select the most appropriate option to replace the underlined word in sentence.	the given	
	There is no <u>reason</u> for him to be angry.		
Ans	√ 1. logic		
	X 2. sanity		
	X 3. lucidity		
	X 4. argument		
		· ·	26433059995 Answered
		Chosen Option :	
Q.24	Select the option that can be used as a one-word substitute for the u in the given sentence.	inderlined words	
	Can you explain to the person hired to drive our car, my everyday so	chedule?	
Ans			
	X 2. conductor		
	X 4. calligrapher		
		· ·	26433060676
		Status : Chosen Option :	Answered
		Onosch Option .	
Q.25	Select the most appropriate ANTONYM of the given word.		
	Approximately		
Ans	√ 1. Exactly		
	× 2. Vaguely		
	X 3. Hourly		
	X 4. Truly		
			26433088766 Answered
		Chosen Option :	
	Select the INCORRECTLY spelt word.		
Ans	X 1. Conceive		
	X 2. Appropriate		
	X 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 insists on help people who don't want it. Ans 1. insist for helping 2. insist on helping X 3. insists of help X 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 X 1. Manageable 2. Unruly X 3. Happy X 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 X 2. Photographer X 3. Choreographer X 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  $\underline{\text{sit on the fence}}$  and not become a party to another World War. √ 1. A person's lack of decisiveness, neutrality or hesitance to choose between two sides in an argument or a competition X 2. Overtaking the thing of interest that the other parties are fighting for while they are fighting X 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 X 2. The child was irritable X 3. the previous night X 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 before started work. 1. before starts work Ans 2. before start to working X 3. before start working 4. before starting work Question ID: 26433060276 Status: Answered Chosen Option: 4 Q.33 Select the INCORRECTLY spelt word. Ans X 1. Difficulty X 2. Thesaurus X 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 reputation of his institution. Ans X 1. opinion X 2. position 3. prestige X 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 X 2. Designation X 3. Resignation X 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 X 2. Constructively X 3. Scrupulously X 4. Knotty Question ID: 26433060310 Status: Answered Chosen Option: 1 Q.37 Select the most appropriate ANTONYM of the given word. Amateur Ans X 1. Hospitable X 2. Pupil X 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 X 3. Become very confused when you are trying to explain something X 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 X 1. Frieze X 2. Fortunate X 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 X 1. Break the journey 2. Paid a flying visit X 3. Lived out of a suitcase X 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 X 1. Metro life and the subway facilities

X 2. The benefits of subway life

X 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 X 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

#### 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?

1. Serious

X 2. Pessimistic

X 3. Joyful

X 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 X 1. Abdominal

2. Cardiovascular

X 3. Renal

X 4. Pulmonary

Question ID: 26433091388 Status: Answered

#### 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 X 1. Turbulent

X 2. Sourced

Z. Courced

X 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 X 1. difficult

X 2. impossible

√ 3. easy

X 4. impractical

Question ID: 26433060383

Status : Answered

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.			
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			
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			
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	select the most appropriate option to fill in each blank.		
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			
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 X 1. quite			
X 2. much			
<b>★</b> 3. few			
✓ 4. adequate			
Question ID : <b>26433060384</b>			
Status : <b>Answered</b>			
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 X 1. pick			
✓ 2. throw			
X 3. pull			
X 4. peel			
4. peel			
Question ID : 26433060385			
Status : Answered			
Chosen Option: 2			
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			
I W.43 Gelectine most appropriate option to thi III DIANK NUMBER 4.			
Q.49 Select the most appropriate option to fill in blank number 4.  Ans 1 necessary			
Ans 🚀 1. necessary			
Ans 1. necessary 2. time-consuming			
Ans 1. necessary 2. time-consuming 3. lethargic			
Ans 1. necessary 2. time-consuming			
Ans 1. necessary 2. time-consuming 3. lethargic			
Ans 1. necessary 2. time-consuming 3. lethargic 4. glamorous			
Ans  1. necessary 2. time-consuming 3. lethargic 4. glamorous  Question ID: 26433060386			

seled It is i if (2) or a j seas	the following passage, some words have been deleted. Read the passage carefully and ect the most appropriate option to fill in each blank. indeed (1) to create an urban forest to control air pollution. It is like a child's play awareness is created among people of all ages. Just (3) a mango seed jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy son. Authorities must take (4) measures to ensure a part of the town or city is cated to plant trees. This ensures the (5) of adequate oxygen to people.
Sub	Question No : 50
.50 Sele	ect the most appropriate option to fill in blank number 5.
ns 🧹	▶ 1. availability
X	2. shortage
X	3. lack
X	4. mix
	Question ID : 26433060387
	Status : Answered
	Chosen Option: 1