Combined Graduate level Examination 2023 Tier I Roll Number Candidate Name Venue Name Exam Date 17/07/2023 Exam Time 2:30 PM - 3:30 PM Subject Combined Graduate Level Examination Tier I 2023

Section: General Intelligence and Reasoning

Q.1 Looking at a picture of a woman Vineeta said, "She is the wife of my father's brother's father." How is the woman in the picture related to Vineeta?

Ans X 1. Father's sister

X 2. Mother-in-law

X 3. Mother

4. Father's mother

Question ID: 26433092749
Status: Answered
Chosen Option: 4

Q.2 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster. MGX:VPG :: TZC:CIL :: HPX:?

Ans X 1. PXF

X 2. QZG

X 3. RZG

✓ 4. QYG

Question ID : 264330104095

Status : **Answered** Chosen Option : **4**

Q.3 Which option represents the correct order of the given words as they would appear in an English dictionary?

1.Greed

2.Green

3.Grown

4.Grip

5.Granite

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

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

3. 5,1,2,4,3

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

Question ID: 26433097251

Status : Answered

Q.4 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.

6:646::5:?::4:190

- **1.** 373
- X 2.377
- **X** 3. 337
- X 4.376

Question ID: 26433078948

Status : Answered

Chosen Option : 1

Q.5 Select the number from among the given options that can replace the question mark (?) in the following series. 80, 73, 64, 53, 40, ?

- Ans X 1. 19
 - **2.** 25
 - **X** 3, 33
 - **X** 4. 23

Question ID: 26433057781

Status : Answered

Chosen Option: 2

Q.6 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)

 $\left[\begin{pmatrix} 7 \\ 9 \end{pmatrix}, \begin{pmatrix} 31 \\ 39 \end{pmatrix} \right], \left[\begin{pmatrix} 3 \\ 5 \end{pmatrix}, \begin{pmatrix} 15 \\ 23 \end{pmatrix} \right]$

- \checkmark 1. $\left[\left(\frac{11}{13}\right), \left(\frac{47}{55}\right)\right]$
- \times 2. $\left[\left(\frac{9}{13}\right), \left(\frac{37}{55}\right)\right]$
- \times 3. $\left[\left(\frac{9}{11}\right), \left(\frac{32}{37}\right)\right]$
- \times 4. $\left[\left(\frac{17}{19}\right), \left(\frac{36}{77}\right)\right]$

Question ID: 264330144432

Status: Answered

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

Tjtf35j5s1X

Tjft53j5s.2 X

Tj7t35j5s.8 X

Tjft35j5s.4 📞

Question ID: 26433091471

Status: Answered

Chosen Option: 4

Q.8 Each vowel in the word "ETHICAL" is changed to the following letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series. In the newly formed word, how many alphabets are there in the English alphabetical series between the alphabet which is $3^{\rm rd}$ from the left and 1st from the right?

Ans

X 1. Four

2. Three

X 3. Two

X 4. Five

Question ID: 264330132072

Status: Answered

Chosen Option: 2

Select the set in which the numbers are related in the same way as are the numbers of the given set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the number 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.) (312, 24, 13)

(645, 43, 15)

Ans X 1. (347,27,12)

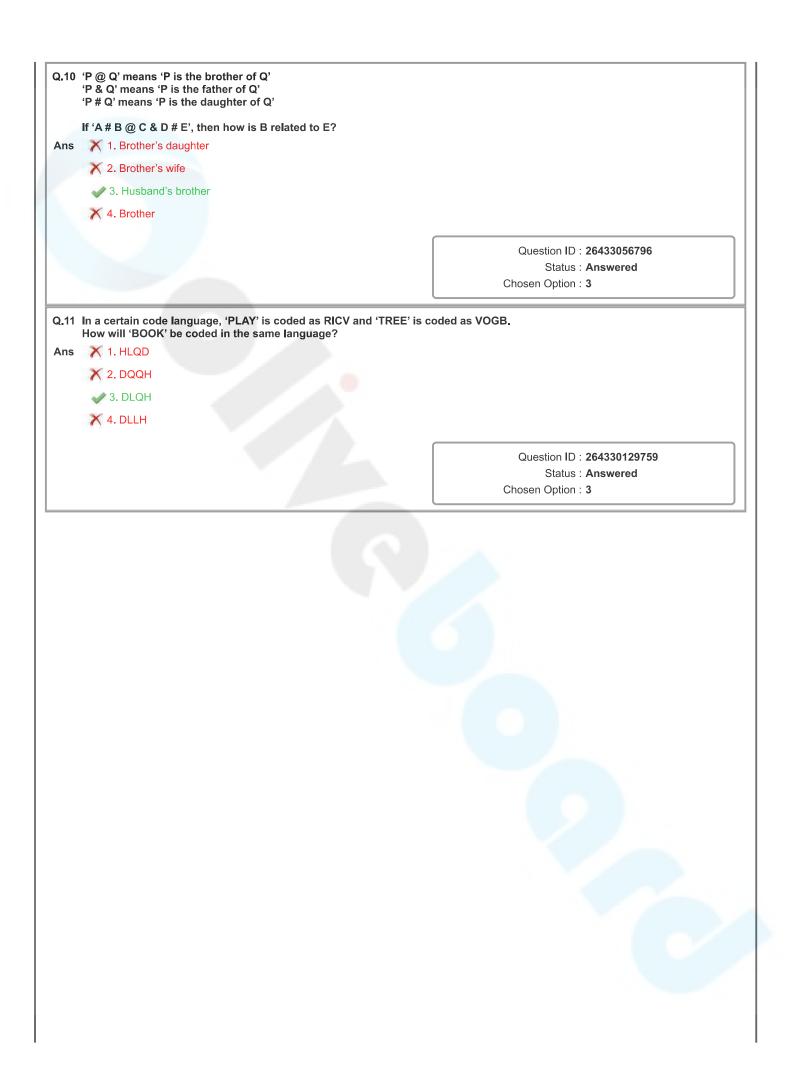
X 2. (347,22,17)

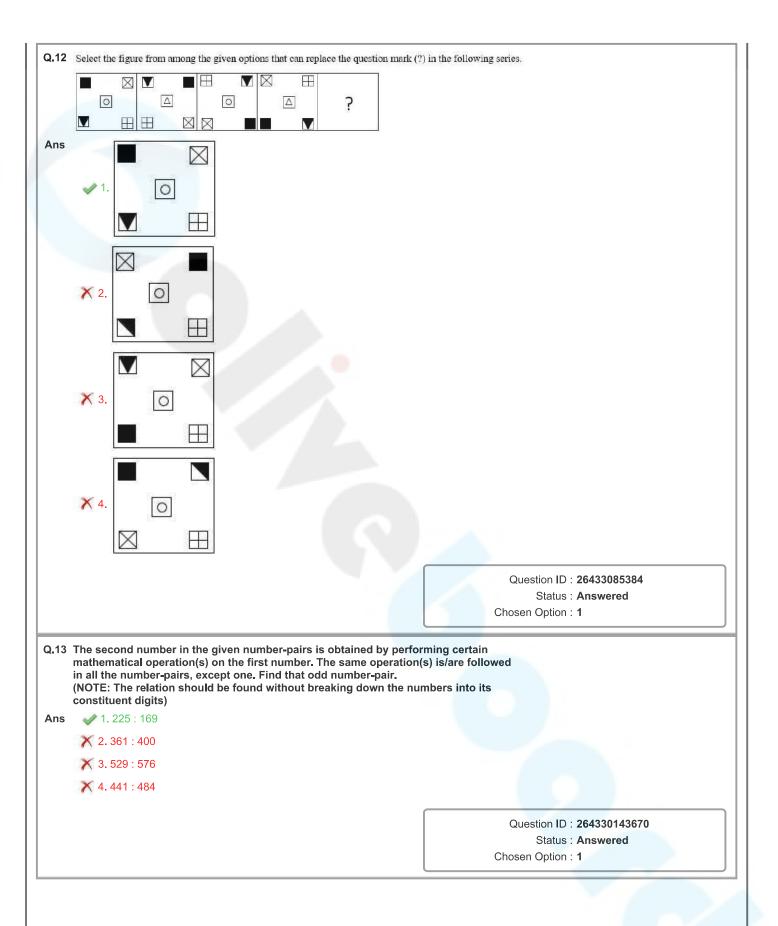
X 3. (374,17,12)

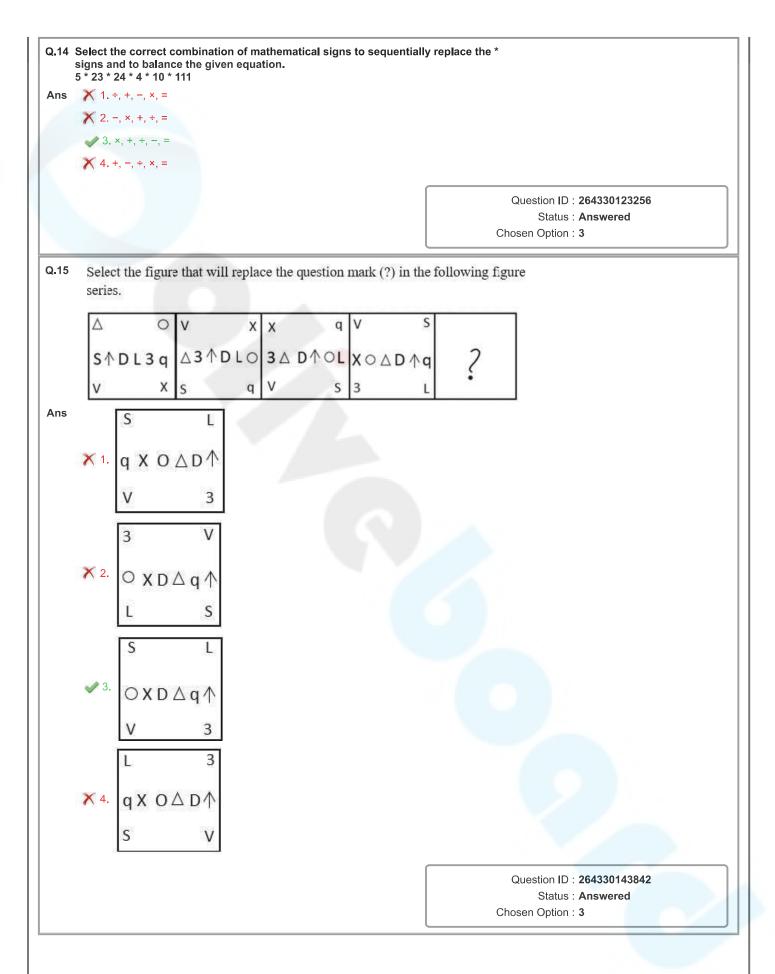
4. (374,22,17)

Question ID: 264330114666

Status: Answered







	Which of the following terms will replace the question ma MGB, NIE, OKH, PMK, ?	rk (?) in the given series?
Ans	✓ 1. QON	
	× 2. PQJ	
	X 3. OQN	
	★ 4. OPK	
		Question ID : 26433070364
		Status : Answered
		Chosen Option : 1
	Select the correct combination of mathematical signs that * signs and balance the given equation. 32 * 42 * 7 * 7 * 17 = 202	t can sequentially replace the
Ans	√ 1. × ÷ − +	
	X 2. × − + ÷	
	X 2. x − + ÷X 3. + ÷ x −	
	X 4. + × ÷ -	
	CA TO CO.	
		Question ID : 264330122469
		Status : Answered
		Chosen Option : 1
	X 1.61X 2.63	
	2.63✓ 3.68	
	2.63✓ 3.68	Question ID : 264330103126
	2.63✓ 3.68	Status : Answered
	2.63✓ 3.68	
	Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English word to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:?	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related
	X 2.63 3.68 X 4.62 Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English wo to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:? X 1. Shrug	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related
	Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English word to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:?	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related
	X 2.63 3.68 X 4.62 Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English wo to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:? X 1. Shrug	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related
	Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English wo to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:? 1. Shrug 2. Scarf	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related
	Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English word to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:? 1. Shrug 2. Scarf 3. Socks	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related onsonants/vowels in the
	Select the option that is related to the third word in the sa is related to the first word. (The words must be considered as meaningful English word to each other based on the number of letters/number of coword.) Hands: Mittens:: Feet:? 1. Shrug 2. Scarf 3. Socks	Status : Answered Chosen Option : 3 me way as the second word ords and must not be related

Q.20 Three statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All computers are laptops. All laptops are mobiles. Some mobiles are tablets.

Conclusions:

- I. Some mobiles are computers.
- II. All computers are mobiles.
- III. Some computers are tablets.

Ans X 1. Only conclusions II and III follow.

2. Only conclusions I and II follow.

X 3. Only conclusions I and III follow.

X 4. All conclusions follow.

Question ID : 26433070402 Status : Answered

Chosen Option : 2

Q.21 Three different positions of the same dice are shown. Find the number on the face opposite to the face showing '5'.

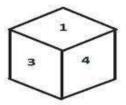


figure 1

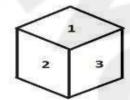


figure 2

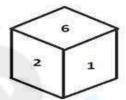


figure 3

Ans X 1. 4

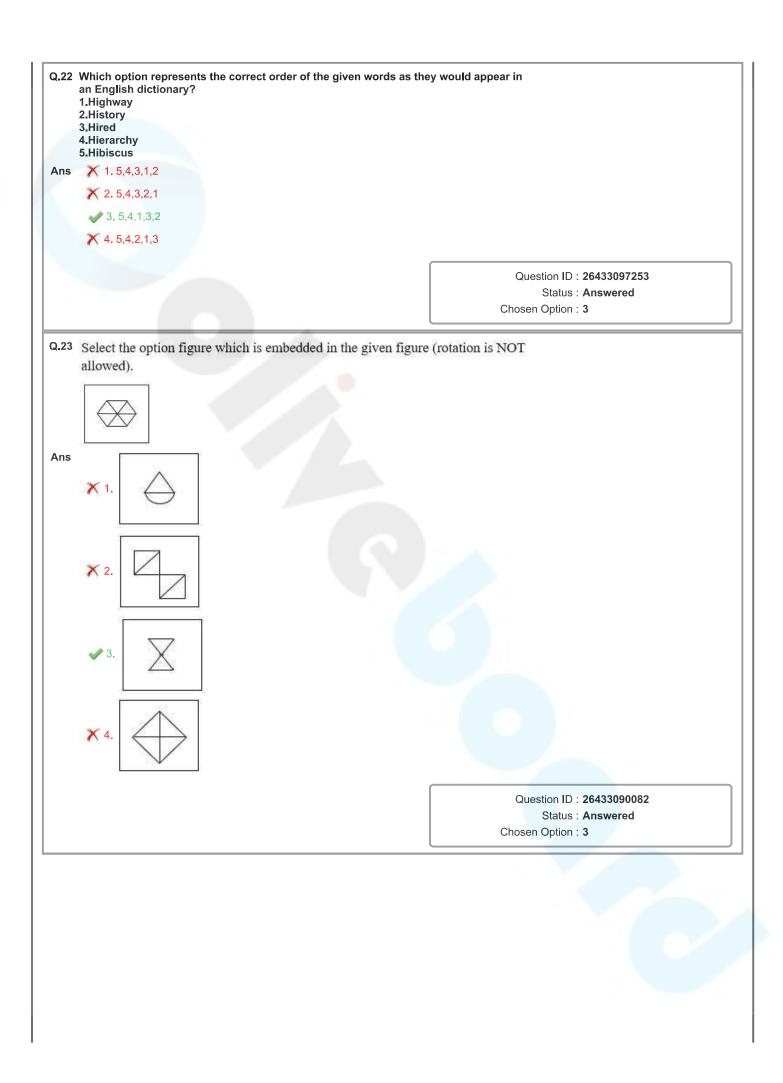
X 2. 2

3.

X 4. 6

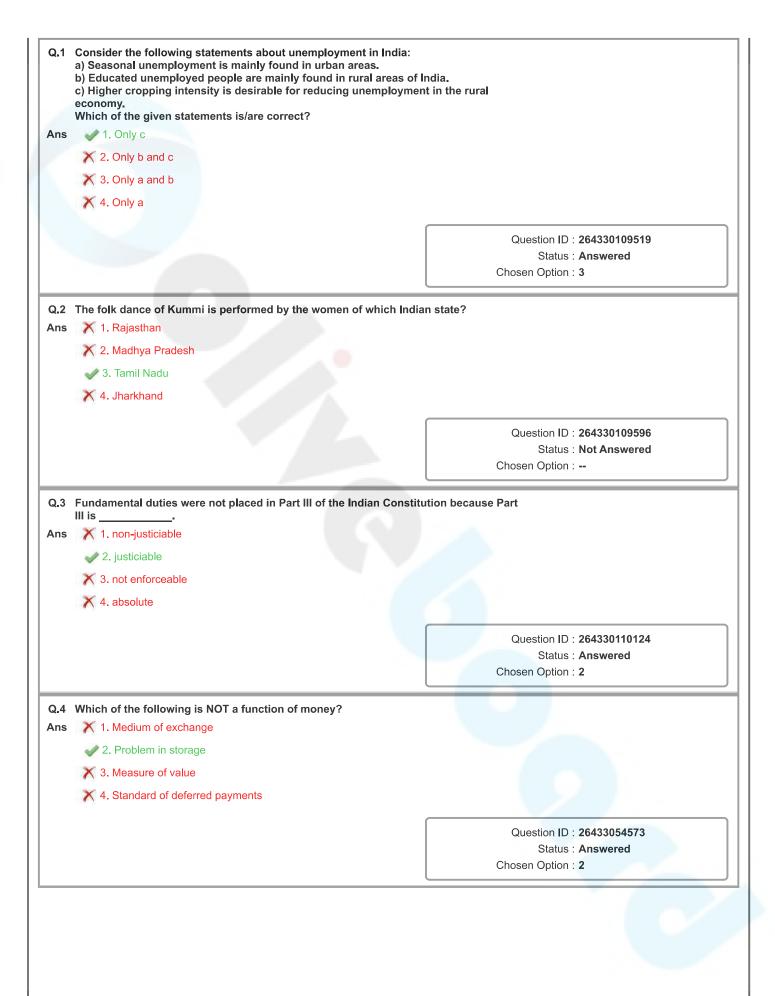
Question ID: 26433096027

Status : Answered

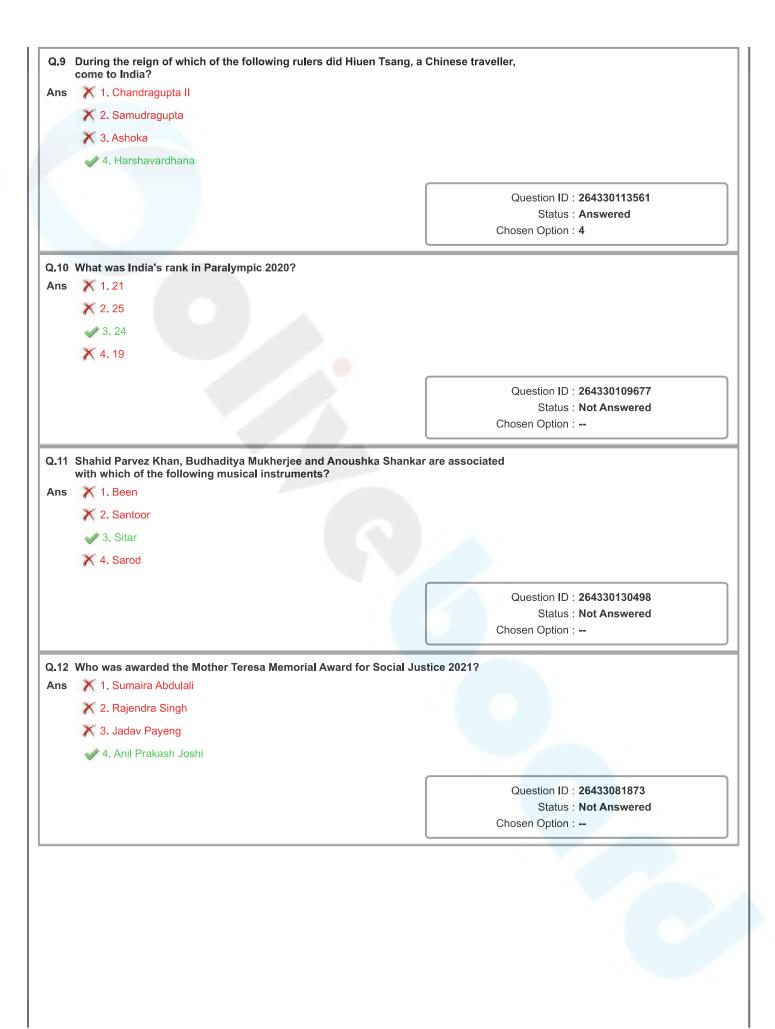


Q.24 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series. PRKY_LDP__YOLD_RKYO_DPRK__LD X 1. ORKLPOD X 2. ORPKYLP X 3. ORPLKYO 4. ORKPLYO Question ID: 264330131040 Status : **Answered** Chosen Option : 4 Q.25 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side? Problem figure: Ans Question ID: 26433067417 Status: Answered Chosen Option: 3

Section : General Awareness



Ans		
	X 1. Methcathinone	
	X 2. Propiophenone	
	X 3. Acetophenone	
	√ 4. Benzophenone	
		Question ID : 264330110050
		Status : Answered Chosen Option : 4
		Chosen Option . 4
Q.6	What is the priority zone of the AMRUT (Atal Mission for Transformation) mission, which was launched by the G	or Rejuvenation and Urban Government of India in 2015?
Ans	1. Water supply followed by sewerage	
	X 2. Electricity and power generation	
	✗ 3. Primary education for all	
	X 4. Health care of urban dwellers	
		Question ID: 264330110637
		Status : Answered
		Chosen Option : 1
Q.7 Ans	Who was the founder of Harijan Sevak Sangh founded X 1. Jawaharlal Nehru	in 1932?
	✓ 2. Mahatma Gandhi	
	V	
	X 3 Jyotiba Phule	
	X 3. Jyotiba Phule	
	X 3. Jyotiba Phule X 4. BR Ambedkar	
		Question ID : 264330109819
		Status : Answered
Q.8	X 4. BR Ambedkar Sohan Singh Bhakna and Har Dayal were primarily ass	Status : Answered Chosen Option : 2
Q.8	X 4. BR Ambedkar Sohan Singh Bhakna and Har Dayal were primarily ass following organisations?	Status : Answered Chosen Option : 2
	X 4. BR Ambedkar Sohan Singh Bhakna and Har Dayal were primarily ass following organisations?	Status : Answered Chosen Option : 2
	Sohan Singh Bhakna and Har Dayal were primarily ass following organisations? 1. Ghadar Party	Status : Answered Chosen Option : 2
	Sohan Singh Bhakna and Har Dayal were primarily ass following organisations? 1. Ghadar Party 2. Kisan Sabha 3. Anushilan Samiti	Status : Answered Chosen Option : 2
	Sohan Singh Bhakna and Har Dayal were primarily ass following organisations? 1. Ghadar Party 2. Kisan Sabha	Status : Answered Chosen Option : 2
	Sohan Singh Bhakna and Har Dayal were primarily ass following organisations? 1. Ghadar Party 2. Kisan Sabha 3. Anushilan Samiti	Status : Answered Chosen Option : 2 ociated with which of the Question ID : 264330141518
	Sohan Singh Bhakna and Har Dayal were primarily ass following organisations? 1. Ghadar Party 2. Kisan Sabha 3. Anushilan Samiti	Status : Answered Chosen Option : 2 ociated with which of the



	× 2. Lithium	
	3. Hydrogen	
	X 4. Rubidium	
		Question ID : 26433097107
		Status : Not Answered
		Chosen Option :
).14	One of the important institutes associated with gree	en revolution is the Indian
	Agriculture Research Institute. Where is it located?	,, iorolation to the indian
Ans	X 1. Mumbai	
	X 2, Ludhiana	
	✓ 3. New Delhi	
	🗙 4. Patna	
		Out = 1 = 1D + 20 4220400200
		Question ID : 264330109399
		Status : Not Answered
Q.15	Which of the following Articles of the Indian Constitute Parliament of India?	Status : Not Answered Chosen Option :
	Which of the following Articles of the Indian Constitute Parliament of India?	Status : Not Answered Chosen Option :
Q.15 Ans	Parliament of India?	Status : Not Answered Chosen Option :
	Parliament of India? 1. Article 49	Status : Not Answered Chosen Option :
	Parliament of India? X 1. Article 49 X 2. Article 59	Status : Not Answered Chosen Option :
	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79	Status : Not Answered Chosen Option :
	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79	Status : Not Answered Chosen Option : Fution provides for a bicameral Question ID : 264330113436
	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79	Status : Not Answered Chosen Option : Rution provides for a bicameral Question ID : 264330113436 Status : Answered
	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79	Status : Not Answered Chosen Option : Fution provides for a bicameral Question ID : 264330113436
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79	Status: Not Answered Chosen Option: Rution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promo	Status: Not Answered Chosen Option: Aution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promo belongs to which of the following states?	Status: Not Answered Chosen Option: Rution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promobelongs to which of the following states? X 1. Sikkim X 2. Manipur	Status: Not Answered Chosen Option: Aution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promo belongs to which of the following states? X 1. Sikkim X 2. Manipur X 3. Assam	Status: Not Answered Chosen Option: Rution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promobelongs to which of the following states? X 1. Sikkim X 2. Manipur	Status: Not Answered Chosen Option: Rution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promo belongs to which of the following states? X 1. Sikkim X 2. Manipur X 3. Assam	Status: Not Answered Chosen Option: Rution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3
Ans Q.16	Parliament of India? X 1. Article 49 X 2. Article 59 3. Article 79 X 4. Article 89 Satyaram Reang received the Padma Shri for promo belongs to which of the following states? X 1. Sikkim X 2. Manipur X 3. Assam	Status: Not Answered Chosen Option: Rution provides for a bicameral Question ID: 264330113436 Status: Answered Chosen Option: 3 Oting the Hojagiri dance form. He

IS	X 1. Wuchereria – Filaria worm	
	2. Ancylostoma – Pinworm	
	X 3. Taenia – Tapeworm	
	X 4. Ascaris – Roundworm	
		Question ID : 264330109914
		Status : Not Answered
		Chosen Option :
	Which sodium compound is the most popular additionable sauces, salad dressings and beverages for its presentations.	
ns	✗ 1. Sodium bicarbonate	
	X 2. Sodium fluoride	
	X 3. Sodium hypochlorite	
	✓ 4. Sodium benzoate	
		Question ID : 264330113485
	Mawsynram in the southern ranges of the re in the world. X 1. Shivalik 2. Khasi hills	Status : Not Answered Chosen Option :
	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali	Status : Not Answered Chosen Option :
	in the world. 1. Shivalik 2. Khasi hills	Status : Not Answered Chosen Option :
	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali	Status : Not Answered Chosen Option :
	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali	Status : Not Answered Chosen Option : Peceives the highest average rainfall Question ID : 26433064770 Status : Answered
	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali	Status: Not Answered Chosen Option: Proceives the highest average rainfall Question ID: 26433064770
ins	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali X 4. Nilgiri	Status: Not Answered Chosen Option: Peceives the highest average rainfall Question ID: 26433064770 Status: Answered Chosen Option: 2
i.20	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali	Status: Not Answered Chosen Option: Peceives the highest average rainfall Question ID: 26433064770 Status: Answered Chosen Option: 2
Ans	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali X 4. Nilgiri The Bailadila range of Chhattisgarh is famous for w	Status: Not Answered Chosen Option: Peceives the highest average rainfall Question ID: 26433064770 Status: Answered Chosen Option: 2
Ans 2.20	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali X 4. Nilgiri The Bailadila range of Chhattisgarh is famous for w X 1. Copper	Status: Not Answered Chosen Option: Peceives the highest average rainfall Question ID: 26433064770 Status: Answered Chosen Option: 2
i.20	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali X 4. Nilgiri The Bailadila range of Chhattisgarh is famous for w X 1. Copper X 2. Bauxite	Status: Not Answered Chosen Option: Peceives the highest average rainfall Question ID: 26433064770 Status: Answered Chosen Option: 2
	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali X 4. Nilgiri The Bailadila range of Chhattisgarh is famous for w X 1. Copper X 2. Bauxite 3. Iron ore	Status: Not Answered Chosen Option: Question ID: 26433064770 Status: Answered Chosen Option: 2
Ans 2.20	in the world. X 1. Shivalik 2. Khasi hills X 3. Aravali X 4. Nilgiri The Bailadila range of Chhattisgarh is famous for w X 1. Copper X 2. Bauxite 3. Iron ore	Status: Not Answered Chosen Option: Peceives the highest average rainfall Question ID: 26433064770 Status: Answered Chosen Option: 2

2.21	On 28 June 2021, the Supreme Court held that persons w	vith disabilities have a right to
	reservation in promotion under Article 16(4) of the Const case of:	citution of India, 1950, in the
Ans	X 1. Indra Sawhney v. Union of India	
	X 2. Rajeev Kumar Gupta v. Rangachari	
	X 4. State of Kerala v. N.M. Thomas	
	* 1	
		Question ID: 26433072902
		Status : Not Answered
		Chosen Option :
 Q.22	In the Olympic flag, the total number of rings are	_ <u>·</u>
Ans	X 1.3	
	✓ 2.5	
	× 3. 7	
	X 4.4	
		Question ID : 264330110382
		Status : Answered Chosen Option : 2
		enecen epiterri 2
Q.23	Who is the author of Tarikh-i-Firuz Shahi?	
Ans	✓ 1. Ziauddin Barani	
	X 2. Amir Khusrow	
	X 3. Al-Biruni	
	X 4. Ibn Battuta	
		Question ID : 264330114830 Status : Not Answered
		Chosen Option :
Q.24	The Desh Ke Mentor Programme launched by the Delhi g	overnment in October 2021 is
Ans	for the students of classes 1. VI to XII	
	X 2. I to V	
	✓ 3. IX to XII	
	3. IX to XII	
	▼ 4 \/I to \/III	
	X 4. VI to VIII	
	X 4. VI to VIII	Question ID : 26433090639
	X 4. VI to VIII	Question ID : 26433090639 Status : Not Answered Chosen Option :

Q.25 The Hemis Festival is widely celebrated in which state of India?

Ans X 1. Arunachala Pradesh

X 2. Lakshadweep

X 3. Assam

4. Ladakh

Question ID: 264330111136

Status : **Answered**

Chosen Option: 4

Section: Quantitative Aptitude

Q.1 If a cot
$$\theta$$
 + b cosec θ = p and b cot θ + a cosec θ = q then p^2 - q^2 is equal to _____.

Ans
$$\times$$
 1. $a^2 + b^2$

$$\times$$
 2. $a^2 - b^2$

$$✓$$
 3. $b^2 - a^2$

$$\times$$
 4. b – a

Question ID: 264330143570

Status : Answered

Chosen Option: 3

Q.2 What is the value of the given expression?

$$(a+b+c)^2-a^2-b^2-c^2$$

Ans X 1. 2abc

Question ID: 264330130053

Status : Answered

Study the given table and answer the question that follows.

The table shows the classification of 100 students based on the marks obtained by them in Statistics and Mathematics in an examination out of 50.

Subject	40 and above	30 and above	20 and above	10 and above	0 and above
Mathematics	8	33	90	82	100
Statistics	5	22	60	87	100

If at least 60% marks in Mathematics are required for pursuing higher studies in Mathematics, then how many students will be eligible to pursue higher studies in Mathematics?

Ans

1.33

X 2.27

X 3.90

X 4. 10

Question ID: 264330126626

Status: Answered

Chosen Option: 1

Q.4 After allowing a discount of 15%, the value of a washing machine is ₹29,750. If no discount is allowed, then the shopkeeper gains 12%. The cost price of the washing machine is:

Ans

1. ₹31,250

X 2. ₹31,500

X 3. ₹31,750

X 4. ₹32,000

Question ID: 264330104181

Status : **Answered**

Chosen Option : 1

Q.5 Pratima and Diksha can complete a typing work separately in 10 hours and 15 hours, respectively. After typing for 4 hours alone, Pratima leaves the work. In how many hours will Diksha complete the remaining typing work?

Ans X 1.8

X 2. 10

3.9

X 4.7

Question ID: 264330108988

Status : Answered

Q.6 What is the volume of a cube if the perimeter of one face of the cube is 40 cm?

Ans ✓ 1. 1000 cm³

 \times 2. 820 cm³

X 3, 600 cm³

 \times 4.800 cm³

Question ID: 26433075281 Status : Answered

Chosen Option: 1

Q.7 The following table gives the information of the number of students (in thousands) placed in five different companies during six different years.

Year			Company		
i ear	A	G	Y	T	F
2010	9.6	10.4	9.3	9.8	8.7
2011	10.4	12.6	7.2	13.8	6.2
2012	12.6	9.8	10.4	14.9	9.8
2013	16.8	15.4	11.4	16.3	11.3
2014	19.3	13.4	13.4	11.8	7.8
2015	18.7	16.7	12.7	15.7	13.7

What is the difference (in thousands) between the students placed in all companies in the year 2014 and 2012?

Ans X 1.9000

X 2. 7800

3. 8200

X 4. 7500

Question ID: 26433081612 Status : Answered

Chosen Option: 3

Q.8 One quality of rice at ₹45 per kg is mixed with another quality at a certain rate in the ratio of 3:2. If the mixture so formed is worth ₹50 per kg, what is the rate per kg of the second quality of rice?

Ans X 1. ₹57

2. ₹57.5

X 3. ₹58

X 4. ₹58.5

Question ID: 264330104158

Status : Answered

30, 34 units, respectively? X 1. 16 units 2. 17 units X 3, 28 units X 4. 34 units Question ID: 264330143581 Status: Answered Chosen Option: 2 Q.10 How many of the following numbers are divisible by 132? 660, 754, 924, 1452, 1526, 1980, 2045 and 2170 Ans X 1.3 X 2.6 X 3.5 4.4 Question ID: 264330131509 Status : Answered Chosen Option: 4 Q.11 In a constituency, 90% of the total number of people on the electoral roll cast their votes during an election. 15% of the votes cast were declared invalid. Jeeta secured 60% of the valid votes. If Jeeta secured 91,800 valid votes, what was the total number of people on the electoral roll? **X** 1. 2,16,000 Ans **X** 2. 2,25,000 **X** 3. 1,80,000 4. 2,00,000 Question ID: 264330103251 Status: Answered Chosen Option: 4 Q.12 12 men and 16 boys can do a piece of work in 5 days, while 13 men and 24 boys can do it in 4 days. In how many days can 29 men and 22 boys complete the work? **1.** 2.5 Ans X 2. 2.45 X 3. 2.6 **X** 4. 2.4 Question ID: 264330143470 Status: Answered Chosen Option: 1

Q.9 What is the radius of circle which circumscribes the triangle ABC whose sides are 16,

Q.13 A bag contains ₹550 in the form of 50 p, 25 p and 20 p coins in the ratio 2 : 3 : 5. The difference between the amounts that are contributed by the 50 p and the 20 p coins is:

X 2. ₹20

X 3. ₹10

Question ID: 264330103723 Status: Answered

Chosen Option : 4

Q.14 The distance between the centres of two circles having radii 16 cm and 8 cm, is 26 cm. The length (in cm) of the direct common tangent of the two circles is:

Ans \times 1. $2\sqrt{132}$

× 2. √153

√ 3. 2√153

× 4. √132

Question ID: 26433075018

Status: Answered

Chosen Option: 3

Q.15 Find the area of the sector of a circle with radius 5 cm and angle 60° (rounded off to one decimal).

Ans

X 1. 12.8 cm²

X 2. 14.1 cm²

 $\sqrt{3.13.1}$ cm²

X 4. 15.1 cm²

Question ID: 264330122577

Status : Answered

Chosen Option: 3

Q.16 Solve the following expression.

 $(-25) \times 8 + (-25) \times 2$

Ans X 1. -210

X 2.250

√ 3. −250

X 4. 210

Question ID: 26433066348

Status: Answered

Q.17 The product of 277 and 323 is:

X 2.88471

X 3.91371

X 4. 89391

Question ID : 264330130050

Status : Answered

Chosen Option : 1

If $\cos x = -\frac{1}{2}$, x lies in third quadrant, then $\tan x = ?$

Ans

√ 1. √3

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

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

 \times 4. $\frac{1}{\sqrt{3}}$

Question ID: 26433076123

Status : Answered

Chosen Option : 1

Q.19 A person took a loan at 5% per annum simple interest during the first year and with an increase of 0.5% simple interest every year from the second year onwards. After 4 years, he paid ₹4,600 as a total interest to settle the loan completely. How much was the loan?

Ans

√ 1. ₹20,000

X 2. ₹19,000

X 3. ₹18,000

X 4. ₹21,000

Question ID : 264330109343

Status : Answered

Q.20 Using cos(A + B) = cosA cosB - sinA sinB, find the value of cos75°.

Ans

- \times 1. $\frac{\sqrt{5}-1}{4}$
- \times 2. $\frac{\sqrt{5}+1}{4}$
- $\sqrt{3}$. $\frac{\sqrt{6}-\sqrt{2}}{4}$
- \times 4. $\frac{\sqrt{6}+\sqrt{2}}{4}$

Question ID : 264330143532 Status : Answered

Chosen Option: 3

Q.21 A constable Ram is 225 m behind a thief Somesh. Ram runs 50 m and Somesh runs 30 m in a minute. At what time will the constable Ram catch the thief Somesh?

Ans

- X 1. 10 minutes 16 seconds
- X 2, 15 minutes 11 seconds
- X 3. 16 minutes 10 seconds
- 4. 11 minutes 15 seconds

Question ID: 264330130117

Status : Answered

Chosen Option: 4

Q.22 A table was bought for ₹3,000 and sold for ₹3,200. Find the gain or loss in terms of money.

Ans

- 1. Gain ₹200
- X 2. Loss ₹200
- X 3. Gain ₹100
- X 4. Loss ₹150

Question ID : 26433082680

Status : Answered

Chosen Option: 1

Q.23 Sarthak and Mohan have been assigned a work to design a room for a ceremony, Sarthak can design the entire room in 12 days, while Mohan can design the room in 15 days. In how many days will the work be completed if they work together? (Rounded off to 2 decimal places)

Ans

- X 1. 5.67
 - **2.** 6.67
- **X** 3. 7.33
- **X** 4. 6.00

Question ID: 264330112232

Status : Answered

Q.24 A man is walking at a speed of 14 km/h. After every km, he takes rest for 7 minutes. How much time will he take to cover a distance of 7 km?

Ans

- \checkmark 1. $1\frac{1}{5}$ hours
- \times 2. $2\frac{1}{3}$ hours \times 3. $1\frac{1}{3}$ hours
- \times 4. $\frac{1}{5}$ hours

Question ID: 264330130957 Status: Answered

Chosen Option: 1

If $x + \frac{1}{x} = -6$, what will be the value of $x^5 + \frac{1}{x^5}$?

- Ans X 1. –7776
 - **√** 2. –6726
 - **X** 3. –6738
 - **X** 4. –6732

Question ID: 264330101376

Status: Answered

Chosen Option : 2

Section: English Comprehension

Q.1 Select the most appropriate ANTONYM of the given word.

Triumph

Ans 💚 1. Defeat

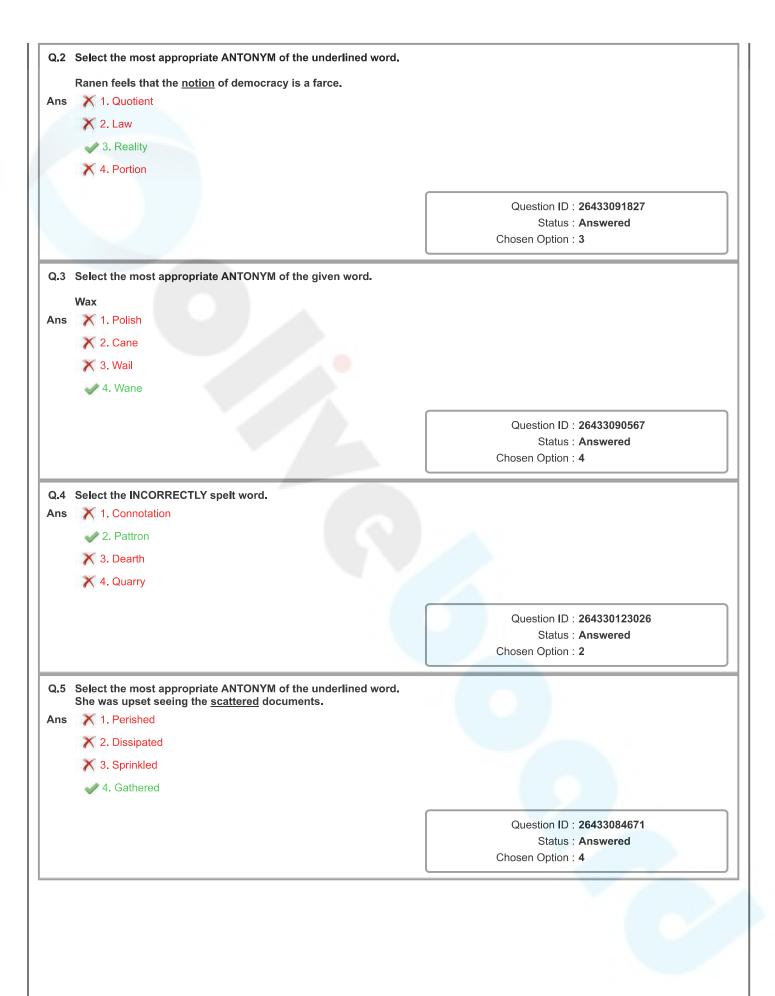
X 2. Capture

X 3. Attainment

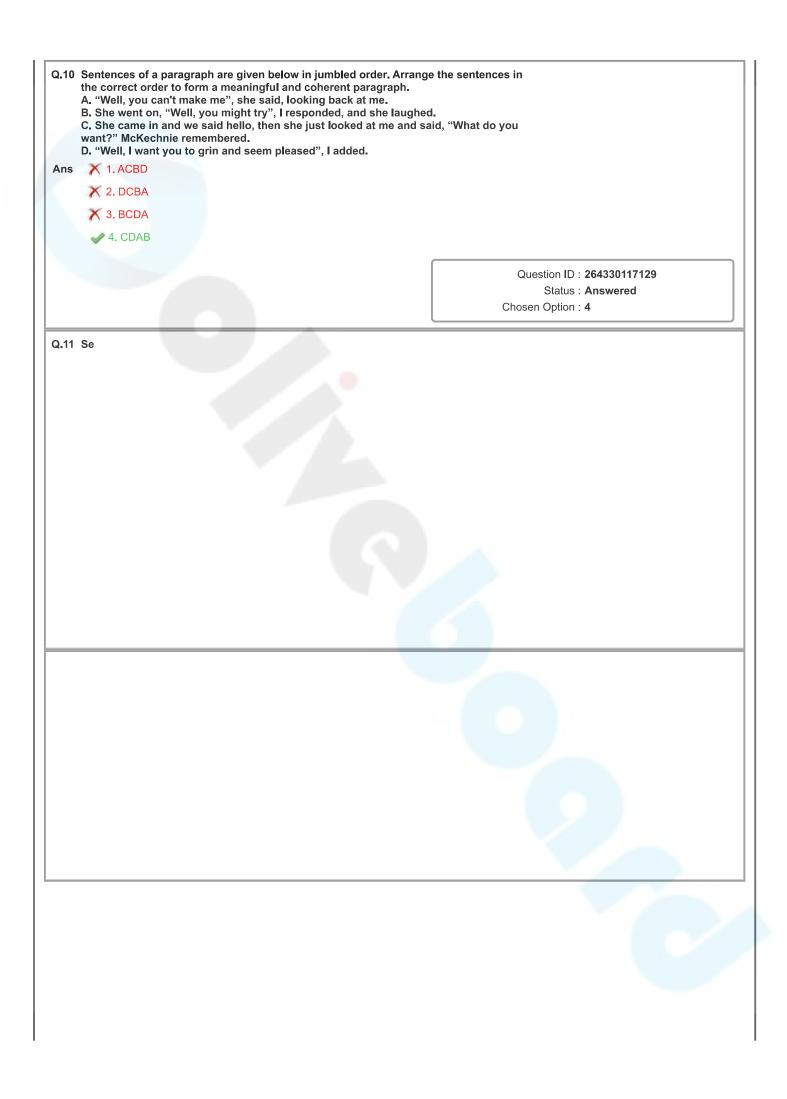
X 4. Succeed

Question ID : 264330122120

Status: Answered



Q.6	Select the grammatically correct sentence.	
	A. The Supriya is the best girl in the class. B. Supriya is the best girl in the class.	
	C. Supriya is best girl in the class.	
Ans	D. The Supriya is a best girl in the class. 1. C	
Alla	X 2. A	
	X 3. D	
	THE A	
	✓ 4. B	
		Question ID : 26433073532
		Status : Answered
		Chosen Option : 4
Q.7	Select the most appropriate option to fill in the blank.	
A 110	You are the to the throne and should behave in such	a manner.
Ans		
	X 2. here	
	X 3. hare	
	√ 4. heir	
		Question ID : 264330121278
		Status : Answered
		Chosen Option : 4
0.8	Select the option that expresses the given sentence in active	a voice
Q.U	Pudding had already been prepared by her.	voice.
Ans	X 1. She has already prepared pudding.	
	2. She had already prepared pudding.	
	X 3. She have already prepared pudding.	
	X 4. She will prepare pudding.	
		Question ID : 264330141143 Status : Answered
		Chosen Option : 2
Q.9	Describe how you will tell your parents that Darshana was la classmates in active voice.	ughed at by all her
Ans	√ 1. All her classmates laughed at Darshana.	
	X 2. All her classmates laughing at Darshana.	
	X 3. Darshana is laughed at by all her classmates.	
	X 4. All her classmates will been laugh at Darshana.	
		Question ID : 264330122774
		Question ID: 264330122774 Status: Answered Chosen Option: 1



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'. He was so curious $\underline{\text{that he rose many questions}}$ in the meeting. 1. that he raised many questions X 2. that he rose much questions X 3. that he aroused many questions X 4. No substitution Question ID: 26433093081 Status: Answered Chosen Option : 1 Q.14 Select the most appropriate option to substitute the underlined segment in the given Carolina opened a savings account to save money for later. Ans X 1. for a cold day 2. for a rainy day X 3. for a sunny day X 4. for a hot day Question ID: 26433092926 Status: Answered Chosen Option : 2 Q.15 Select the most appropriate one-word substitution of the given group of words. A similarity between like features of two things, on which a comparison may be based. Ans 1. Analogy X 2. Amalgamation X 3. Apathy X 4. Ambiguity Question ID: 26433090860 Status: Answered Chosen Option: 1 Q.16 Select the most appropriate meaning of the underlined idiom. Do not beat about the bush when you have anything to say. Ans X 1. To try to influence X 2. To shift blame on others X 3. To argue 4. To avoid giving a definite answer or position Question ID: 26433088843 Status: Answered Chosen Option: 4

9391 ed
7902
ed
6247
6317 wered
6317 wered
wered
wered
wered

	Comprehension:		
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. The (1) of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) opportunities. SubQuestion No : 21		
Q.21	Select the most appropriate option to fill in blank no. 1.		
Ans	X 1. assortment		
	× 2. variability		
	X 3. multitude		
	✓ 4. diversity		
		Question ID : 264330139247	
		Status : Answered	
	Comprehension:	Status : Answered	
	Comprehension: In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. The (1) of birds is one of the most fascinating aspects of the resource the soaring flight of eagles to the colourful plumage of parrots, birds have range of (2) to survive and thrive in their environments. One of the most adaptations is the ability of some birds to migrate over vast discretized and continents to reach their breeding or wintering ground species of birds are facing threats to their survival, such as habitat loss, of (3) by humans. In response, conservation efforts have been protect these birds and their habitats. This might involve creating protected degraded habitats or reducing the use of pesticides and other harmful chain portant aspect of bird conservation is (4) populations to tractime and identify emerging threats. This can be done through citizen scient through more intensive efforts led by conservation organisations. Ultimate and their habitats is not only important for the birds themselves but also feecosystems they are a part of, and the many benefits these ecosystems such as clean air and water, and (5) opportunities.	Status: Answered Chosen Option: 4 age carefully and natural world. From evolved a wide of the most stances, often nds. However, many limate change and out in place to old areas, restoring emicals. Another ck changes over nce programmes or ely, protecting birds or the broader	
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. The (1) of birds is one of the most fascinating aspects of the the soaring flight of eagles to the colourful plumage of parrots, birds have range of (2) to survive and thrive in their environments. One or remarkable adaptations is the ability of some birds to migrate over vast discressing oceans and continents to reach their breeding or wintering ground species of birds are facing threats to their survival, such as habitat loss, of (3) by humans. In response, conservation efforts have been protect these birds and their habitats. This might involve creating protect degraded habitats or reducing the use of pesticides and other harmful chain important aspect of bird conservation is (4) populations to traitine and identify emerging threats. This can be done through citizen scienthrough more intensive efforts led by conservation organisations. Ultimate and their habitats is not only important for the birds themselves but also fe ecosystems they are a part of, and the many benefits these ecosystems	Status: Answered Chosen Option: 4 age carefully and natural world. From evolved a wide of the most stances, often nds. However, many limate change and out in place to old areas, restoring emicals. Another ck changes over nce programmes or ely, protecting birds or the broader	
Q.22	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. The (1) of birds is one of the most fascinating aspects of the the soaring flight of eagles to the colourful plumage of parrots, birds have range of (2) to survive and thrive in their environments. One cremarkable adaptations is the ability of some birds to migrate over vast dicrossing oceans and continents to reach their breeding or wintering ground species of birds are facing threats to their survival, such as habitat loss, of (3) by humans. In response, conservation efforts have been protect these birds and their habitats. This might involve creating protect degraded habitats or reducing the use of pesticides and other harmful chain portant aspect of bird conservation is (4) populations to traitime and identify emerging threats. This can be done through citizen sciet through more intensive efforts led by conservation organisations. Ultimate and their habitats is not only important for the birds themselves but also for ecosystems they are a part of, and the many benefits these ecosystems such as clean air and water, and (5) opportunities.	Status: Answered Chosen Option: 4 age carefully and natural world. From evolved a wide of the most stances, often nds. However, many limate change and out in place to old areas, restoring emicals. Another ck changes over nce programmes or ely, protecting birds or the broader	
Q.22 Ans	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. The (1) of birds is one of the most fascinating aspects of the the soaring flight of eagles to the colourful plumage of parrots, birds have range of (2) to survive and thrive in their environments. One of the most fascinating aspects of the remarkable adaptations is the ability of some birds to migrate over vast discressing oceans and continents to reach their breeding or wintering ground species of birds are facing threats to their survival, such as habitat loss, of (3) by humans. In response, conservation efforts have been protect these birds and their habitats. This might involve creating protected degraded habitats or reducing the use of pesticides and other harmful chain portant aspect of bird conservation is (4) populations to tractime and identify emerging threats. This can be done through citizen scient through more intensive efforts led by conservation organisations. Ultimate and their habitats is not only important for the birds themselves but also for ecosystems they are a part of, and the many benefits these ecosystems such as clean air and water, and (5) opportunities. SubQuestion No: 22	Status: Answered Chosen Option: 4 age carefully and natural world. From evolved a wide of the most stances, often nds. However, many limate change and out in place to old areas, restoring emicals. Another ck changes over nce programmes or ely, protecting birds or the broader	
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X 4. weakness

Question ID: 264330139248
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. The (1) of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) opportunities.		
	SubQuestion No : 23		
Q.23	Select the most appropriate option to fill in blank no. 3.		
Ans	X 1. safeguarding		
	X 2. preservation		
	X 4. migration		
		Question ID: 264330139249 Status: Answered Chosen Option: 3	
Q.24 Ans	Comprehension: In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. The (1) of birds is one of the most fascinating aspects of the the soaring flight of eagles to the colourful plumage of parrots, birds have range of (2) to survive and thrive in their environments. One or remarkable adaptations is the ability of some birds to migrate over vast dicrossing oceans and continents to reach their breeding or wintering grour species of birds are facing threats to their survival, such as habitat loss, of (3) by humans. In response, conservation efforts have been protect these birds and their habitats. This might involve creating protected degraded habitats or reducing the use of pesticides and other harmful chimportant aspect of bird conservation is (4) populations to traitime and identify emerging threats. This can be done through citizen scienthrough more intensive efforts led by conservation organisations. Ultimate and their habitats is not only important for the birds themselves but also find ecosystems they are a part of, and the many benefits these ecosystems such as clean air and water, and (5) opportunities. SubQuestion No: 24 Select the most appropriate option to fill in blank no. 4.	Status: Answered Chosen Option: 3 age carefully and natural world. From evolved a wide of the most istances, often inds. However, many dimate change and out in place to ed areas, restoring emicals. Another ck changes over ince programmes or ely, protecting birds or the broader	

3. overlooking4. forgetting

Question ID : 264330139250 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. The (1) of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) opportunities.	
Q.25	SubQuestion No : 25 Select the most appropriate option to fill in blank no. 5.	
Ans		
	✓ 2. recreational	
	X 3. work-related	
	X 4. strenuous	
	Question ID : 264330139251 Status : Answered Chosen Option : 2	