Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section: General Intelligence and Reasoning

Q.1 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.

Question ID: 26433068196

Status: Answered

Chosen Option: 2

Q.2 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

Question ID: 26433068568

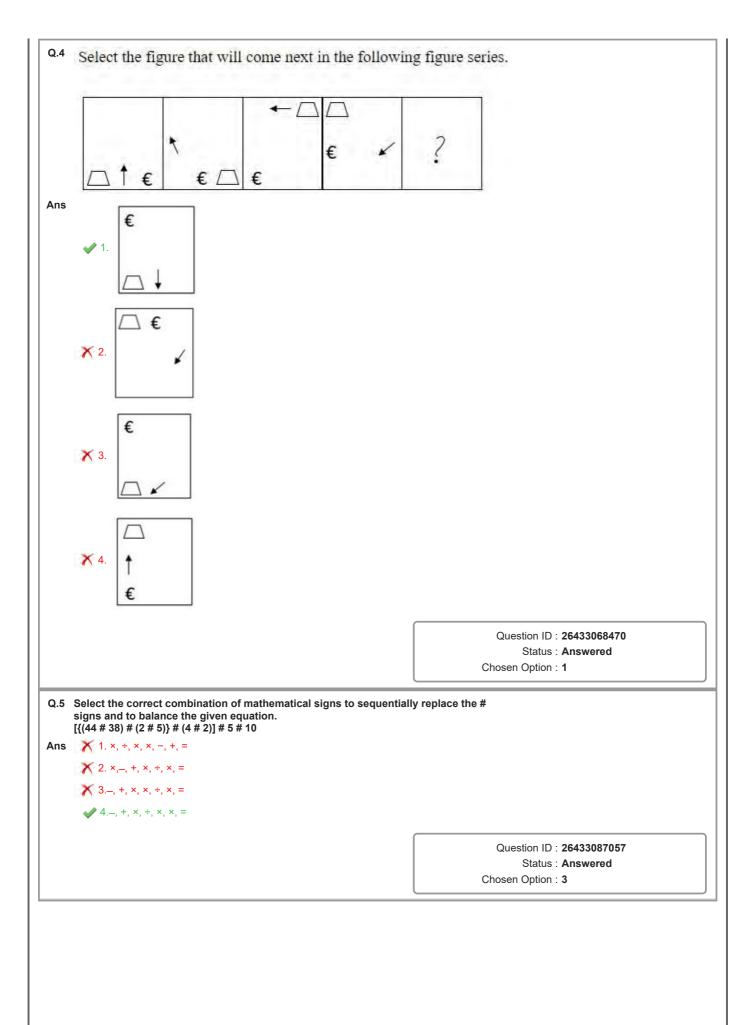
Status: Answered

Chosen Option: 4

Q.3 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

Question ID: 26433067649

Status: Answered



Q.6 If L \times M means that L is the mother of M, L \div M means that L is the father of M, L \div M means that L is the sister of M, then which of the following expression shows that P is the father of R?

X 2. P ÷ R + Q

X 3. Q + P ÷ R

X 4. P + Q × R

Question ID : 264330104966

Status: Answered

Chosen Option: 1

Q.7 A – B means 'A is the mother of B'
A * B means 'A is the sister of B'
A % B means 'A is the husband of B'
A \$ B means 'A is the son of B'

If P - Q - R * S \$ T, then how is P related to T?

Ans X 1. Mother

2. Mother-in-law

X 3. Sister

X 4. Sister-in-law

Question ID: 26433059899

Status: Answered

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

Ans

2.

3.

4.

4.

Question ID : 26433067437 Status : Answered

Chosen Option : 1

Q.9 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Plants : Botanist :: Animals : ?

Ans 🦙

X 1. Chemists

X 2. Geologists

X 3. Archaeologists

4. Zoologists

Question ID : 26433067813 Status : Answered

Q.10 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)

(7, 4, 56)(8, 3, 48)

Ans X 1. (90, 3, 400)

X 2. (87, 4, 128)

X 3. (96, 42, 12)

4. (9, 10, 180)

Question ID: 26433079128

Status: Answered

Chosen Option: 4

Q.11 Which letter cluster will replace the question mark (?) to complete the given series? ACFD, CFHG, ?, GLLM, IONP

Ans

X 1. EIJK

2. EIJJ

X 3. FIJJ

X 4. EJJK

Question ID: 26433059861

Status: Answered

Chosen Option: 2

Q.12 After arranging the given words according to dictionary order, which word will come at

'Third' position?

- 1. Chocolate
- 2. Chocoholic
- 3. Chocolaty
- 4. Chocolatier 5. Chock

Ans

1. Chocolate

X 2. Chock

3. Chocolatier

X 4. Chocoholic

Question ID: 264330104907

Status: Answered

Q.13 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

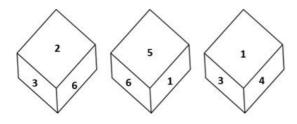


Figure 2

Figure 3

Ans X 1. 1

X 2. 2

3. 5

X 4.4

Question ID: 26433081531

Status: Answered

Chosen Option: 3

Q.14 In the following question, select the missing number from the given series. 5103, 1701, 567, ?, 63, 21

Ans X 1. 265

X 2. 169

3. 189

X 4. 170

Question ID: 264330105022

Status: Answered

Chosen Option: 3

Q.15 Select the figure from among the given options that can replace the question mark

(?) in the following series.



Ans









Question ID: 26433080512

Status : Answered

Q.16 Select the odd group of numbers. (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) **1**. 14 – 193 Ans X 2. 15 - 220 X 3. 16 - 251 X 4. 17 - 284 Question ID: 264330105089 Status: Answered Chosen Option: 1 Q.17 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) School: Students:: Hospital:? Ans X 1. Doctors X 2. Nurses 3. Patients X 4. Diseases Question ID: 26433056809 Status: Answered Chosen Option: 3 Q.18 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements. I. All R are P. II. All R are Q. Conclusion: I. No P is Q. II. No R is P. 1. Neither conclusion follows 2. Only conclusion II follows X 3. Both conclusions I and II follows X 4. Only conclusion I follows Question ID: 264330104918 Status: Answered Chosen Option: 1 Q.19 In a certain code language, 'TECHNOLOGY' is written as 'NHCETOLOGY', 'GENERATION' is written as 'RENEGATION'. How will 'APOCALYPSE' be written in that language? Ans X 1. AOCPALYPSE X 2. ACPOALYPSE X 3. ACOAPLYPSE 4. ACOPALYPSE Question ID: 26433068238 Status: Answered Chosen Option: 4

Q.20 By interchanging the given two signs and numbers which of the following equation will be correct?

+ and –, 7 and 6

Ans \checkmark 1. 4 × 7 + 6 – 3 ÷ 1 = 20

 \times 2.8 × 7 + 5 ÷ 1 – 6 = 17

 \times 3. 7 – 6 × 3 + 4 ÷ 1 = 8

 \times 4. 7 × 2 – 6 + 4 ÷ 2 = 13

Question ID : 264330105132 Status : Answered

Chosen Option: 1

Q.21 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

ABCD, FVJV, KPQN, PJXF, ?

Ans X 1. UDQE

X 2. RQTS

X 4. EQRT

Question ID : 264330104826

Status : Answered

Chosen Option: 3

Q.22 In a certain code language, 'ABROAD' is written as 'DFORDH' and 'ACCESS' is written as 'DGECVW'. How will 'AGENCY' be written in that language?

Ans 🗳 1. DKNEFC

X 2. EKNEFC

X 3. DJNEFB

X 4. DKNEGC

Question ID : 26433066022 Status : Answered

Chosen Option: 1

Q.23 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) (9, 16, 5)

(7, 9, 4)

Ans X 1. (14, 64, 7)

X 2. (14, 100, 5)

3. (11, 36, 5)

X 4. (12, 66, 4)

Question ID : 26433070235

Status: Not Answered

Q.24 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: Some bottles are towels. No towel is a pillow. All bottle sare coats. Conclusions: I. Some coats are towels. II. No coat is a towel. III. Some bottles are pillows. Ans X 1. Only conclusion II follows. 2. Both conclusions I and III follows. 3. Only either conclusion I or II follows. 4. Only conclusion I follows. Question ID: 26433069187 Status: Answered Chosen Option: 4 Q.25 Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group? X 1. PRKI 2. JFOQ X 3. UWFD X 4. XZCA Question ID: 26433081502 Status: Answered Chosen Option: 2 Section: General Awareness Q.1 The Constitution of India is a sovereign socialist secular democratic republic with a _ system of government. Ans X 1. unitary 2. parliamentary X 3. monarchical X 4. presidential Question ID: 26433086763 Status: Answered Chosen Option: 2 Q.2 Ahmadnagar was finally annexed by the Mughals in ____ Ans X 1. 1627 2. 1632 X 3. 1630 X 4. 1635 Question ID: 264330105437 Status: Not Answered Chosen Option: --

	Which of the following major Indian crops requires high temperatuligh humidity?	re (above 25°C) and	
Ans	X 1. Gram		
	X 2. Peas		
	√ 3. Rice		
	X 4. Wheat		
		0 " 10	201000000
			26433092869 Answered
		Chosen Option	
Q.4	time graph shows speed of an object.		
Ans	X 1. Velocity		
	2. Distance		
	X 3. Displacement		
	X 4. Acceleration		
		Question ID	264330105466
			Answered
		Chosen Option	2
Q.5	Which nutrient is chlorella rich in?		
Ans	X 1. Roughage		
	X 2. Carbohydrates		
	X 3. Fats		
	✓ 4. Protein		
	•		
			26433086747
			Answered
		Chosen Option	4
Q.6	Who has become the first woman director general of the Council of	f Scientific and	
	Industrial Research?	of ocientinic and	
Ans	X 1. Sanjay Verma	i Scientific and	
Ans	X 1. Sanjay VermaX 2. Vinod Aggarwal	a Scientific and	
Ans	1. Sanjay Verma2. Vinod Aggarwal3. Nallathamby Kalaiselvi	i Scientific and	
Ans	X 1. Sanjay VermaX 2. Vinod Aggarwal	a Scientific and	
Ans	1. Sanjay Verma2. Vinod Aggarwal3. Nallathamby Kalaiselvi		26/3304053/2
Ans	1. Sanjay Verma2. Vinod Aggarwal3. Nallathamby Kalaiselvi	Question ID	264330105342 Answered
Ans	1. Sanjay Verma2. Vinod Aggarwal3. Nallathamby Kalaiselvi	Question ID	Answered
	 X 1. Sanjay Verma X 2. Vinod Aggarwal ✓ 3. Nallathamby Kalaiselvi X 4. Prakash Chand 	Question ID Status Chosen Option	Answered
Q.7	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian statements.	Question ID Status Chosen Option	Answered
Q.7	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian statements. 1. Sikkim 	Question ID Status Chosen Option	Answered
	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian states at 1. Sikkim X 2. Uttarakhand 	Question ID Status Chosen Option	Answered
Q.7	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian states a line which separates china and which separates china and which separates a line which separates china and which separates a line which separates a line which separates a line which separates a line which separates china and which separates a line which separates	Question ID Status Chosen Option	Answered
	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian states at 1. Sikkim X 2. Uttarakhand 	Question ID Status Chosen Option	Answered
Q.7	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian states a line which separates china and which separates china and which separates a line which separates china and which separates a line which separates a line which separates a line which separates a line which separates china and which separates a line which separates	Question ID : Status : Chosen Option :	Answered
Q.7	 X 1. Sanjay Verma X 2. Vinod Aggarwal 3. Nallathamby Kalaiselvi X 4. Prakash Chand McMahon line is a line which separates china and which Indian states a line which separates china and which separates china and which separates a line which separates china and which separates a line which separates a line which separates a line which separates a line which separates china and which separates a line which separates	Question ID : Status Chosen Option :	Answered 3 264330105518 Answered

u.o Nns	The Paris Indian Society was an Indian nationalist organisation 1. 1907	
	✓ 2. 1905	
	X 3. 1909	
	X 4. 1900	
		Question ID : 26433085281 Status : Not Answered
		Chosen Option :
Q.9	Droupadi Murmu was elected the President of India.	
Ans	X 1. 18th	
	X 2. 17th	
	✓ 3. 15th	
	X 4. 16th	
		Question ID : 264330105236
		Status : Answered
		Chosen Option : 2
Q.10	What is the commercial unit of electric energy?	
Ans	1. Watt-hour	
	X 2. Watt per hour	
	X 4. Kilowatt per hour	
		Question ID : 26433066457 Status : Answered
		Chosen Option : 3
Q.11	In early 1610, who discovered with his newly invented telescope moons?	that Jupiter has four
Ans	X 1. Simon Marius	
	X 2. Tycho Brahe	
	X 4. Johannes Kepler	
		Question ID : 26433092178 Status : Answered
		Chosen Option : 4
	By which name is the birthday of Lord Krishna famous?	
Ans	X 1. Mahashtami	
	× 2. Mahanavmi	
	✓ 3. Janmashtami ✓ 4. Alebana Trithing	
	X 4. Akshaya Tritiya	
		Question ID : 26433074086
		Question ID : 26433074086 Status : Answered Chosen Option : 3

Ans 1. Rise in crop productivity 2. Use of fertilisers 3. Rise in production of food grains 4. Expansion of irrigation Question ID: 26433064873 Status: Answered Chosen Option: 2 Q.14 Which of the following metals was used to make weapons and tools in Harappan cities?	
3. Rise in production of food grains 4. Expansion of irrigation Question ID: 26433064873 Status: Answered Chosen Option: 2 Q.14 Which of the following metals was used to make weapons and tools in Harappan	
Question ID : 26433064873 Status : Answered Chosen Option : 2 Q.14 Which of the following metals was used to make weapons and tools in Harappan	
Question ID : 26433064873 Status : Answered Chosen Option : 2 Q.14 Which of the following metals was used to make weapons and tools in Harappan	
Status : Answered Chosen Option : 2 Q.14 Which of the following metals was used to make weapons and tools in Harappan	
Status : Answered Chosen Option : 2 Q.14 Which of the following metals was used to make weapons and tools in Harappan	
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Q.14 Which of the following metals was used to make weapons and tools in Harappan cities?	
Ans X 1. Silver	
🔀 2. Gold	
🗶 4. Iron	
Question ID : 264330105172 Status : Answered	?
Chosen Option: 3	
Q.15 The executive power of the Union is vested in the: Ans 1. Council of Ministers headed by the Prime Minister	
Ans 1. Council of Ministers headed by the Prime Minister 2. Prime Minister	
3. Chief Justice of the Supreme Court	
✓ 4. President	
4. Flesidetit	
Question ID : 26433074846	
Status : Answered	
Chosen Option : 4	
Q.16 Vempati Chinna Satyam was awarded the Padma Bhushan in 1998. He was a dancer.	
Ans 🚀 1. Kuchipudi	
X 2. Kathak	
X 3. Manipuri	
X 4. Kathakali	
Question ID : 26433090696	
Status : Answered	
Chosen Option : 3	
Q.17 'Do or die' slogan is given by which of the following freedom fighter?	
Ans X 1. Bal Gangadhar Tilak	
🗶 2. Sardar vallabh bhai patel	
X 4. Motilal Nehru	
Question ID : 264330105567 Status : Answered	'
Chosen Option: 1	
Chosch Option . I	1 /

A	In June 2022, NIPUN scheme was launched for skill training of	·
Ans	X 1. farmers	
	X 2. medical practitioners	
	X 3. government teachers	
	4. construction workers	
		Question ID : 264330105307 Status : Answered
		Chosen Option : 4
		Onoscii Option . 4
Q.19	Which of the following folk dance forms is NOT associated with the	state of Gujarat?
Ans	✓ 1. Hojagiri	
	X 2. Dandiya	
	X 3. Bhavai	
	X 4. Garba	
		Question ID : 26433054318
		Status : Answered Chosen Option : 1
		Chosen Option . I
Q.20	Who was the first to accurately describe the rings of Saturn as a di planet in 1655?	sc around the
Ans	1. Hideki Yukawa	
	X 2. Galileo Galilei	
	✓ 3. Christiaan Huygens	
	X 4. Giovanni Cassini	
	4. Giovanni Cassini	
	4. Giovanni Cassini	
	4. Glovaniii Cassiii	Question ID : 26433064060
	4. Glovaniii Cassiii	Status : Not Answered
	4. Glovaniii Cassiii	
Q.21	October and November months in India comes under which among seasons?	Status : Not Answered Chosen Option :
Q.21 Ans	October and November months in India comes under which among	Status : Not Answered Chosen Option :
	October and November months in India comes under which among seasons?	Status : Not Answered Chosen Option :
	October and November months in India comes under which among seasons? X 1. Winter X 2. Summer	Status : Not Answered Chosen Option :
	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy	Status : Not Answered Chosen Option :
	October and November months in India comes under which among seasons? X 1. Winter X 2. Summer	Status : Not Answered Chosen Option :
	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy	Status : Not Answered Chosen Option :
	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy	Status : Not Answered Chosen Option : the following Question ID : 264330105632 Status : Answered
	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy	Status: Not Answered Chosen Option: the following Question ID: 264330105632
Ans	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy	Status: Not Answered Chosen Option: the following Question ID: 264330105632 Status: Answered Chosen Option: 4
Ans	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy 4. Autumn	Status: Not Answered Chosen Option: the following Question ID: 264330105632 Status: Answered Chosen Option: 4
Ans	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy 4. Autumn Which of the following countries hosted the first edition of the Sum Games in 2010?	Status: Not Answered Chosen Option: the following Question ID: 264330105632 Status: Answered Chosen Option: 4
Ans	October and November months in India comes under which among seasons? 1. Winter 2. Summer 3. Rainy 4. Autumn Which of the following countries hosted the first edition of the Sum Games in 2010? 1. China 2. Singapore	Status: Not Answered Chosen Option: the following Question ID: 264330105632 Status: Answered Chosen Option: 4
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Ans	October and November months in India comes under which among seasons? X 1. Winter X 2. Summer X 3. Rainy 4. Autumn Which of the following countries hosted the first edition of the Sum Games in 2010? X 1. China 2. Singapore X 3. Argentina	Status: Not Answered Chosen Option: the following Question ID: 264330105632 Status: Answered Chosen Option: 4
Ans	October and November months in India comes under which among seasons? X 1. Winter X 2. Summer X 3. Rainy 4. Autumn Which of the following countries hosted the first edition of the Sum Games in 2010? X 1. China 2. Singapore X 3. Argentina	Status: Not Answered Chosen Option: the following Question ID: 264330105632 Status: Answered Chosen Option: 4 mer Youth Olympic

Q.23 The height of stumps in cricket is ____. Ans 1. 28 inches

X 2. 20 inches

X 3. 25 inches

X 4. 22 inches

Question ID : 26433071378 Status : Answered

Chosen Option: 4

Q.24 Which of the following is a feature of Self-Help group?

Ans 1. The group takes care of the debt recovery.

X 2. There is a requirement of collateral.

X 3. These groups are classified as commercial banks.

X 4. The interest rates are generally high.

Question ID : 264330105369 Status : Answered

Chosen Option: 4

Q.25 Rukmani Devi Arundale was a famous dancer of which Indian classical dance form?

Ans 💜 1. Bharatanatyam

X 2. Kathak

X 3. Mohiniyattam

X 4. Kathakali

Question ID : 26433064382

Status : Answered

Chosen Option : 1

Section : Quantitative Aptitude

If $\sec \theta - 2\cos \theta = \frac{7}{2}$, where θ is a positive acute angle, then the value of $\sec \theta$ is:

Ans X 1.6

X 2. 8

X 3. 5

4.4

Question ID : 26433066265

Status: Not Answered

Chosen Option : --

The sum of two numbers is 18 and their HCF and LCM are 3 and 54 respectively. What will be the sum of their reciprocals?

Ans

Question ID: 26433079828 Status: Not Answered

Chosen Option: --

Q.3 Rohan scored twice as many marks in English as he did in Science. His total marks in English, Science and Mathematics are 126. If the ratio of his marks in English and Mathematics is 2:3, his marks in English are:

- X 2. 20
- **X** 3. 21

4. 42

Question ID: 26433072970

Status: Answered

Chosen Option: 4

Q.4 The diagonal of the square is $8\sqrt{2}$ cm. Find the diagonal of another square whose area is triple that of the first square.

- Ans \times 1. $8\sqrt{5}$ cm
 - \times 2. $8\sqrt{3}$ cm
 - \times 3. $8\sqrt{2}$ cm
 - \checkmark 4. 8 $\sqrt{6}$ cm

Question ID: 26433065012

Status: Answered

Chosen Option: 1

If $x + \frac{1}{x} = 2$, then the value of $x^{57} + \frac{1}{x^{57}}$ is:

- Ans X 1. 1
 - X 2. -2
 - **X** 3. 0

Question ID: 26433075842

Status: Answered

	Find the value of tan 30 if sec 30 = cosec (40 - 15°).		
Ans	\times 1. $\frac{1}{\sqrt{3}}$		
	× 2. √3		
	★ 3. −1		
	✓ 4. 1		
		Question ID :	26433061771
			Answered
		Chosen Option :	4
Q.7	Three-fourth of a consignment was sold at a profit of 8% and the resthere was an overall profit of Rs.600, then find the value of the consi		
Ans	X 1. Rs.15,000		
	X 2. Rs.6,000		
	X 3. Rs.18,000		
	✓ 4. Rs.12,000		
		Overtion ID	20422005000
			26433065066 Not Answered
		Chosen Option :	
Q.8			
Ans	✓ 1. 1X 2. 2		
	3.3		
	X 4. 4		
		Question ID :	26433075827
			Answered
		Chosen Option :	1
Q.9	A man loses 20% of his money and after spending 85% of the remain Rs.120. How much did he have at first?	nder, he is left with	
Ans	X 1. Rs.1,200		
	✓ 2. Rs.1,000		
	X 3. Rs.800		
	X 4. Rs.500		
		Ougetion ID	26433063455
			Answered
		Chosen Option :	2

Q.10

If $mx^m - nx^n = 0$, then what is the value of $\frac{1}{x^m + x^n} + \frac{1}{x^m - x^n}$ terms of x^n is:

Where x, m, n are > 0

Ans

- \times 1. 2mn/(xⁿ(n² + m²)
- $\times_2 2mn/(x^n(m^2-n^2))$
- \times 3. 2mn/(xⁿ(m² + n²)
- $\sqrt{4.2mn/(x^n(n^2-m^2))}$

Question ID: 26433075844

Status: Not Answered

Chosen Option : --

Q.11 What should be subtracted from 246837 to make it divisible by 13?

Ans X 1. 4

X 2. 5

X 3. 3

4. 6

Question ID: 26433075271

Status: Answered

Chosen Option: 4

Q.12 Δ PQR is an isosceles triangle and PQ = PR = 2a unit, QR = a unit. Draw PX \perp QR, and find the length of PX.

$$\times$$
 2. $\frac{\sqrt{5}a}{2}$

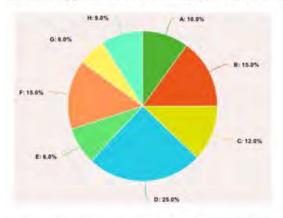
$$\times$$
 3. $\frac{\sqrt{10}a}{2}$

$$\checkmark$$
 4. $\frac{\sqrt{15}a}{2}$

Question ID: 26433075363

Status: Answered

Q.13 The following pie chart shows the number of workers of different categories A, B, C, D, E, F, G and H in a factory in 1995.



What is the central angle (angular value) for category B of the pie chart?

Question ID: 26433079792

Status: Answered

Chosen Option: 2

If, for a non-zero x, $5x^2 + 7x + 5 = 0$, then the value of $x^3 + \frac{1}{x^3}$ is:

Ans

$$\times$$
 1. $\frac{496}{125}$

$$\times$$
 2. $\frac{532}{343}$

$$\times$$
 3. $\frac{125}{532}$

Question ID: 26433066266

Status: Answered

Chosen Option: 3

Q.15 A person lent Rs. 23000 to B for 3 years and Rs. 19000 to C for 4 years on simple interest at the same rate of interest and received Rs. 3625 in all from both of them as interest. What is the annual rate of interest?

Question ID: 264330105678

Status: Not Answered

Q.16 The radius of a hemisphere is 6.3 cm. What will be its volume? X 1. 572.80 cm³ X 2. 643.50 cm³ √ 3. 523.90 cm³ X 4. 353.38 cm³ Question ID: 264330105851 Status: Answered Chosen Option: 4 Q.17 \triangle ABC ~ \triangle DEF such that AB = 9.1 cm and DE = 6.5 cm. If the perimeter of \triangle DEF = 25 cm, then the perimeter of $\triangle ABC$ is: Ans X 1. 40 cm X 2. 30 cm √ 3. 35 cm X 4. 45 cm Question ID: 26433082108 Status: Answered Chosen Option: 3 1 man and 4 women can complete a work in $\frac{65}{4}$ days, while 3 men and 4 women can complete it in $\frac{13}{2}$ days. In how Q.18 many days will 13 women complete the same? Ans 🚀 1. 20 X 2. 16 X 3. 14 Question ID: 26433074314 **X** 4. 18 Status: Not Answered Chosen Option: --Q.19 The table given below shows the number of calculator sold by five shopkeepers. Shopkeepers Calculator S1 40 S260 **S3** 55 **S4** 35 S5 80 Number of calculator sold by S5 is what percent of the number of calculator sold by Ans X 1. 100 percent X 2. 150 percent X 4. 50 percent Question ID: 264330105719 Status: Answered Chosen Option: 3

Q.20 What is the value of cos² 15°?

$$\times$$
 1. $(2+\sqrt{3})$

$$\checkmark 2. \frac{(2+\sqrt{3})}{4}$$

$$\times$$
 3. $\frac{(2+\sqrt{3})}{2}$

$$\times$$
 4. $\frac{(1+\sqrt{3})}{2}$

Question ID : 264330105893

Status : **Answered** Chosen Option : **2**

Q.21 From point H, at 6 : 30 pm, a train starts moving towards point K at the speed of 90 km/hr. Another train starts moving from point K at 7:30 p.m. towards point H at the speed of 72 km/hr. Both the train meet at 11:30 p.m. at point J. What is the ratio of the distance HJ and KJ?

Ans

Question ID: 264330105701

Status: Not Answered

Chosen Option: --

Q.22 In a race, there are 4 members in a team. Each member has to cover 5 km one after another. If the total time taken is 30 minutes, then what would have been the average speed?

Ans

$$\times$$
 1. 50 $\frac{km}{hr}$

$$\checkmark$$
 2. $40 \frac{km}{hr}$

$$\times$$
 3. 50 $\frac{m}{sec}$

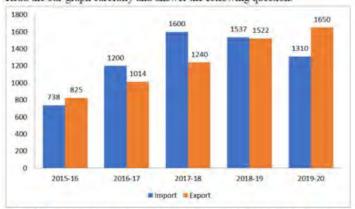
$$\times$$
 4. $40 \frac{m}{sec}$

Question ID: 26433071301

Status: Not Answered

Chosen Option : --

Q.23 The import and export of a country (in lakhs rupees) during a certain period of time is given in the following bar-graph. Read the bar-graph carefully and answer the following question.



What is the percentage increment in import during the year 2016-17 as compared to the year 2015-16? (correct up to two decimals)

Ans X 1. 60.62%

2. 62.60%

X 3. 38.50%

X 4. 65.32%

Question ID: 26433080347

Status : Answered

Chosen Option: 4

Q.24 Rohan sold goods to Ankith worth Rs.55,000 at 15% trade discount. How much money did Ankith pay to Rohan?

Ans X 1. Rs.8,250

X 2. Rs.12,550

X 3. Rs.22,550

√ 4. Rs.46,750

Question ID : 26433075946

Status: Not Answered

Chosen Option : --

Q.25 The table given below shows the marked price and value of discount of 7 articles.

Articles	Marked price	Discount
D	1100	500
E	700	200
F	900	500
G	600	400
H	400	300
I	500	200
J	1000	200

What is the average marked price of all the articles?

Ans

X 1. 824.12

X 2. 814.12

3. 742.85

X 4. 704.15

Question ID : 264330105739 Status : Not Answered

Chosen Option : --

Section: English Comprehension

Q.1 Parts of the following sentence have been given as options. Select the option that contains a grammatical error. If you don't find any error, mark 'No error' as your I am having trouble / deciding in / a gift for them. / no error Ans X 1. a gift for them. X 2. No error 💢 3. I am having trouble 4. deciding in Question ID: 26433073832 Status: Answered Chosen Option: 4 Q.2 Select the option that can be used as a one-word substitute for the given group of words. A small island Ans 🗳 1. Islet X 2. Lagoon X 3. Closet X 4. Isthmus Question ID: 26433070711 Status: Answered Chosen Option: 2 Q.3 Select the option that expresses the given sentence in passive voice. The company sold the newly introduced car to the highest bidder. √ 1. The newly introduced car was sold to the highest bidder by the company. Ans X 2. The company sold the newly introduced car to the highest bidder. 3. The newly introduced car has sold to the highest bidder by the company. 4. The newly introduced car sold to the highest bidder by the company. Question ID: 26433088946 Status: Answered Chosen Option: 1 Q.4 Select the most appropriate meaning of the underlined idiom that can be substituted in the following sentence. The young boy was born with a silver spoon in his mouth. Ans 1. born with a spoon stuck in his mouth 2. born to riches and luxury X 3. born with a spoon that was not of gold X 4. born to not so rich parents Question ID: 26433072226 Status: Answered Chosen Option: 2

Q.5 Select the most appropriate op		ppropriate option to fill in the blank and complete	tion to fill in the blank and complete the collocation.		
	Always be in	with your near and dear ones as life is uncertal	n and fragile.		
Ans	1. touch				
	X 2. relation				
	X 3. communica	ation			
	X 4. connection				
			Question ID : 26433073567		
			Status : Answered Chosen Option : 1		
			Chosen Option: 1		
Q.6	Select the correct Professor told me	t direct form of the given sentence. e that I could not rescue myself from that bait.			
Ans	X 1. Professor	says to me, "You cannot rescue yourself from this bait.	,		
	X 2. Professor	said to me, "You have not rescued yourself from this ba	ait."		
	X 3. Professor	said to us, "You cannot rescue yourself from this bait."			
	4. Professor	said to me, "You cannot rescue yourself from this bait.	,		
			Question ID : 264330104644		
			Status : Answered Chosen Option : 4		
Q.7	Select the most a	ppropriate synonym of the given word.			
	Fatigue				
Ans	1. Tiredness				
Ans	*	s			
Ans	2. Feeblenes	s			
Ans	X 2. Feeblenes: X 3. Loaf	s			
Ans	2. Feeblenes	s			
Ans	X 2. Feeblenes: X 3. Loaf	s	Question ID : 26433071834		
Ans	X 2. Feeblenes: X 3. Loaf	s	Status : Answered		
Ans	X 2. Feeblenes: X 3. Loaf	S			
	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a	ppropriate option that can substitute the underline f there is no need to substitute it, select 'No substi	Status : Answered Chosen Option : 1 d segment in the		
	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It	ppropriate option that can substitute the underline	Status : Answered Chosen Option : 1 d segment in the		
Q.8	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It	ppropriate option that can substitute the underline f there is no need to substitute it, select 'No substi d in order to <u>earn a decent living</u> .	Status : Answered Chosen Option : 1 d segment in the		
Q.8	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It	ppropriate option that can substitute the underline f there is no need to substitute it, select 'No substi d in order to <u>earn a decent living</u> . ecent living	Status : Answered Chosen Option : 1 d segment in the		
	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It I am working hard X 1. buying a december of the series of the seri	ppropriate option that can substitute the underline f there is no need to substitute it, select 'No substitute in order to earn a decent living. ecent living	Status : Answered Chosen Option : 1 d segment in the		
Q.8	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It I am working hard X 1. buying a de X 2. earning a be	ppropriate option that can substitute the underline of there is no need to substitute it, select 'No substitute it order to earn a decent living. Secont living opetter living	Status : Answered Chosen Option : 1 d segment in the		
Q.8	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It I am working hard X 1. buying a de X 2. earning a be X 3. purchase a	ppropriate option that can substitute the underline of there is no need to substitute it, select 'No substitute it order to earn a decent living. Secont living opetter living	Status : Answered Chosen Option : 1 d segment in the		
Q.8	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It I am working hard X 1. buying a de X 2. earning a be X 3. purchase a	ppropriate option that can substitute the underline of there is no need to substitute it, select 'No substitute it order to earn a decent living. Secont living opetter living	Status : Answered Chosen Option : 1 d segment in the		
Q.8	X 2. Feebleness X 3. Loaf X 4. Effort Select the most a given sentence. It I am working hard X 1. buying a de X 2. earning a be X 3. purchase a	ppropriate option that can substitute the underline of there is no need to substitute it, select 'No substitute it order to earn a decent living. Secont living opetter living	Status : Answered Chosen Option : 1 d segment in the tution'.		

Q.9 Select the most appropriate idiom that can substitute the italicised words in the given sentence. The world needs a global leader who can hold out a gesture of peace Ans X 1. mother wit X 2. halcyon days X 3. a grass widow 4. an olive branch Question ID: 26433060510 Status: Answered Chosen Option: 4 Q.10 Select the most appropriate ANTONYM of the word leisure from the given sentence: After my working hours, I use my leisure time to take care of my flower garden, dig my restricted land, sow seeds and water the plants for proper growth and development. Ans X 1. growth 2. working X 3. restricted X 4. development Question ID: 26433058562 Status: Answered Chosen Option: 2 Q.11 Select the INCORRECTLY spelt word in the following sentence. Rather than being aggressive, you should be accomodative, magnanimous and benevolent in nature. Ans 1. accomodative 2. magnanimous 3. aggressive X 4. benevolent Question ID: 26433058611 Status: Answered Chosen Option: 3 Q.12 Select the option that can be used as a one-word substitute for the given group of words. A group of stars having a particular shape 1. Constellation Ans X 2. Planet X 3. Orbit X 4. Galaxy Question ID: 26433072802 Status: Answered Chosen Option: 1

Q.13 Select the option that can be used as a one-word substitute for the given group of A huge building with a spacious area to house aircrafts. Ans X 1. Airport X 2. Hanger 3. Hangar X 4. House Question ID: 26433060104 Status: Answered Chosen Option: 3 Q.14 Select the option that expresses the given sentence in passive voice. Did Rani call you? Ans X 1. Did you called by Rani? 2. Was you called by Rani? 3. Were you called by Rani? X 4. Are you called by Rani? Question ID: 26433093526 Status: Answered Chosen Option: 3 Q.15 Rearrange the parts of the sentence in correct order. The decision not P. to include any kind of wealth or Q. crisis, has proven controversial R. income tax, which would be the fairer option S. for solving the social care funding Ans X 1. SQPR 2. PRSQ X 3. RSPQ X 4. QPRS Question ID: 264330104661 Status: Answered Chosen Option: 2 Q.16 Select the most appropriate synonym of the given word. Belief Ans 1. Faith X 2. Promise X 3. System X 4. Religion Question ID: 26433070621 Status: Answered Chosen Option: 1

Q.17 Select the sentence which does NOT have a spelling error. Ans 1. The art and science of designing buildings is called architecthure. 2. The art and science of designing buildings is called architecture. X 3. The art and science of designing buildings is called archtiecture. 4. The art and science of designing buildings is called architectrue. Question ID: 26433060924 Status: Answered Chosen Option: 2 Q.18 Select the most appropriate collocation to substitute the underlined word in the given sentence. We congratulated him at his new job. He was delighted. Ans X 1. congratulate him up 2. congratulated him on X 3. congratulate him with X 4. congratulate him along Question ID: 26433072098 Status: Answered Chosen Option : 2 Q.19 Select the most appropriate synonym of the given word. Inherent Ans X 1. Increase X 2. Superficial 3. Inborn X 4. Conclusion Question ID: 26433072193 Status: Answered Chosen Option: 3 Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Both Reeta and Ronika / has won / the dance competition / this year. Ans X 1. the dance competition X 2. this year.

🟋 3. Both Reeta and Ronika

4. has won

Question ID: 26433086309 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.		
Human migration may be traced all the way back to the (1) of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2), and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas.		
SubQuestion No : 21		
Q.21 Select the most appropriate option to fill in blank number 1.		
Ans 1. glimpse		
X 2. ahead		
✓ 3. dawn		
X 4. break		
	iswered	
Choosin Option . 5		
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.		
Human migration may be traced all the way back to the (1) of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2), and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas.		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas.		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No: 22		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2.		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans 1. joins		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans 1. joins 2. ties		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans		
migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans		
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Human migration may be traced all the way back to the (1) of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2), and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas. SubQuestion No : 21 Select the most appropriate option to fill in blank number 1. X 1. glimpse X 2. ahead 3 3. dawn 4 break Question ID : 26 Status : An Chosen Option : 3 Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Human migration may be traced all the way back to the (1) of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2), and, more recently,	

	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.				
	Human migration may be traced all the way back to the (1) of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2), and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas.				
	SubQuestion No: 23				
2.23	Select the most appropriate option to fill in blank number 3.				
ns	X 1. assorted				
	X 2. uniform				
	X 4. constant				
			Question ID : 26433084807		
			Status : Answered Chosen Option : 3		
	Comprehension:				
	In the following passage, some words have been deleted. Read the part select the most appropriate option to fill in each blank.	n the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.			
	Human migration may be traced all the way back to the (1)_have been on the move ever since. Climate change, war and displace considerations, living conditions, family and clan (2), and, neducational possibilities are all reasons for migration. Because there migration, migration patterns are (3) Potential migrants we whether or not to migrate, but also where they will go. Individuals with and unobserved features will make diverse decisions and self-select	emen nore r are so ill not n (5) _	tt, economic recently, everal reasons for t only (4) observed		
	SubQuestion No : 24				
2.24	Select the most appropriate option to fill in blank number 4.				
lns	X 1. settle				
	✓ 2. determine				
	X 3. certify				
	X 4. induce				
		۲	Ougstion ID - 20422224222		
			Question ID : 26433084808 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.
	Human migration may be traced all the way back to the (1) of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2), and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3) Potential migrants will not only (4) whether or not to migrate, but also where they will go. Individuals with (5) observed and unobserved features will make diverse decisions and self-select into specific areas.
	SubQuestion No : 25
.25	Select the most appropriate option to fill in blank number 5.
ns	X 1. considering
	✓ 2. varying
	X 3. convincing
	X 4. experiencing
	Question ID : 26433084809
	Status : Answered
	Chosen Option: 2