Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate	
Name	
Venue Name	iON Digital Zone iDZ Trinity 2 Headway 2 Kokta
venue manne	Bypass Road
Exam Date	02/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : General Intelligence and Reasoning

Q.1 Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the one that is different.

Ans

X 1. SQ0

× 2. YWU

※ 3. MKI

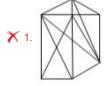
√ 4. GED

Question ID : 26433068503 Status : Answered Chosen Option : 4

 $\textbf{Q.2} \quad \text{Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed)}.$



Ans















Question ID : 26433068905 Status : Answered Chosen Option : 3

(In a certain code language, 'feel at home' is coded as '424', coded as '537' and 'open the door' is coded as '434'. How w coded in that language?	ill 'the kite is flying' be
ns	X 1. 2315	
	★ 2. 3251	
	★ 3. 4362	
	✓ 4. 3426	
		Question ID : 26433067774 Status : Answered Chosen Option : 4
	Select the figure that will replace the question mark ('series.	?) in the following figure
	series.	
		?
าร		
	★ 1.	
	★ 2.	
	✓ 3.	
	★ 4.	
		Question ID : 26433065979 Status : Answered Chosen Option : 3
5	Which letter-cluster will replace the question mark (?) to co	mplete the given series?
ıs	MBTN, KCSP, IDRR, ?, EFPV 1. GERT	
	✓ 2. GEQT	
	X 3. GEQU	
	★ 4. GEQS	
		Question ID : 26433065952
		Status : Answered

Q.6 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)

X 1. (405 –400 –395) Ans **√** 2. (700 −690 −685)

X 3. (550 –545 –540)

X 4. (620 – 615 –610)

Question ID: 264330105080 Status : Answered

Chosen Option : 2

Q.7 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. LMR, PUA, TCJ, XKS, ?

Ans X 1. CMQ

X 2. ARA

X 3. SMR

√ 4. BSB

Question ID: 264330104812

Status : Answered

Chosen Option: 4

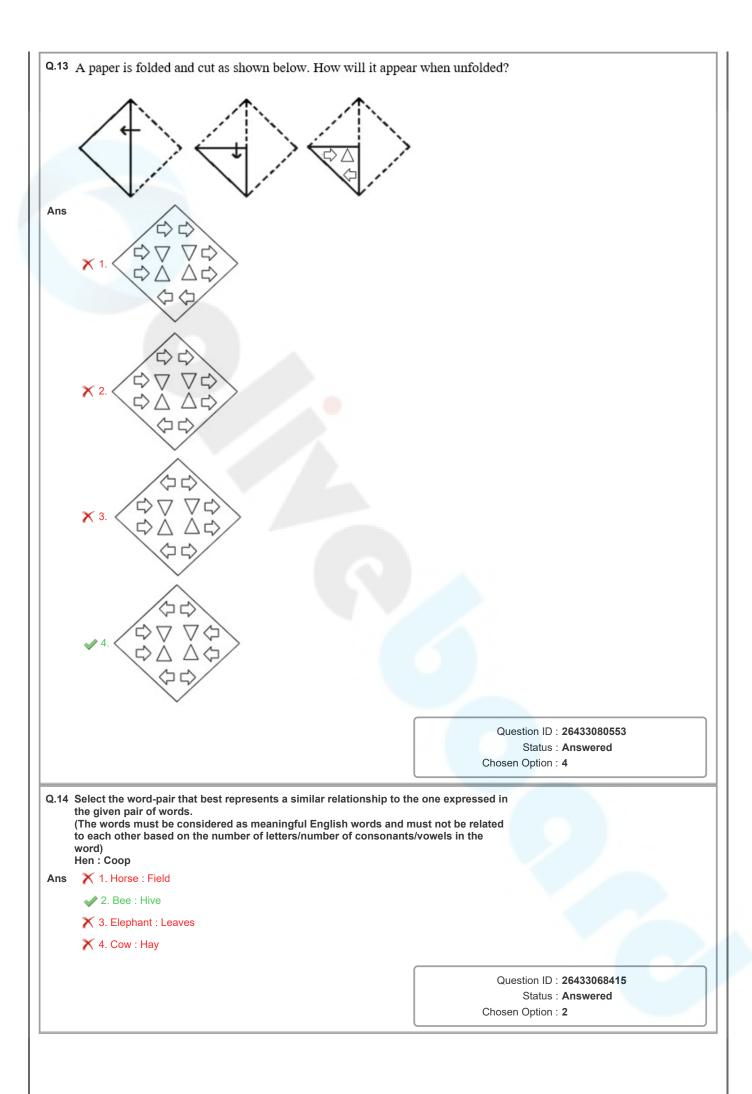
Q.8 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

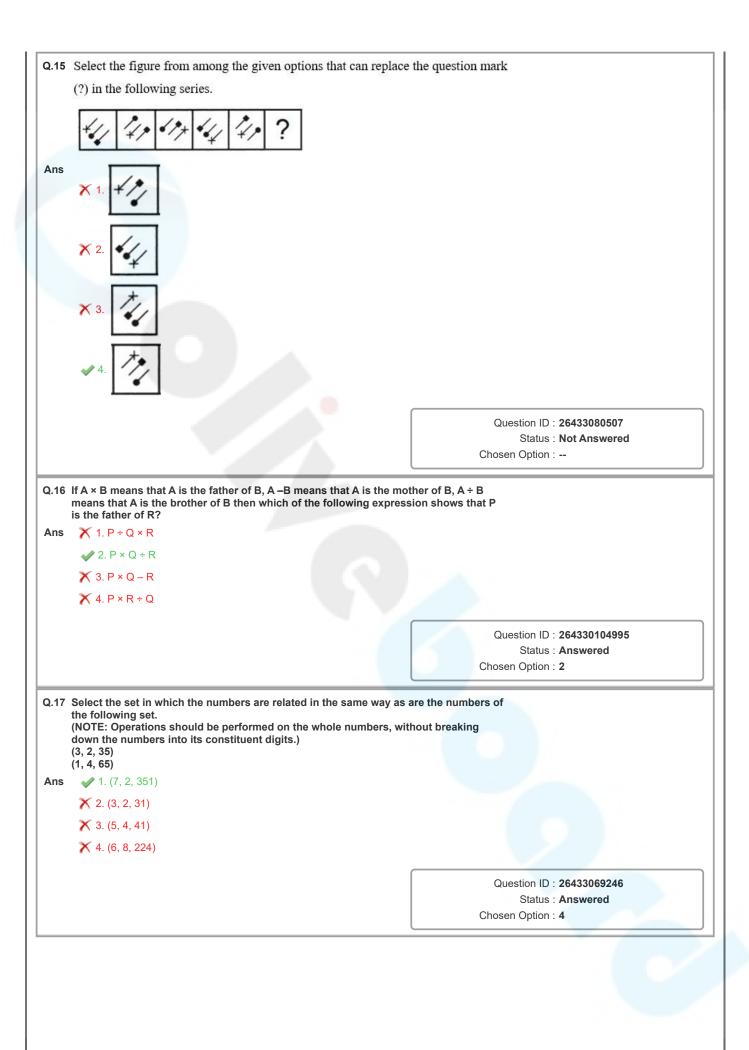
Ans

Question ID: 26433070254

Status: Answered

Q.9 Select the option that represents the correct order of the given words as they would appear in an English dictionary. 1- Kinglet 2- Kingship 3- Kingdom 4- Kinsfolk 5- Kingly **X** 1. 1, 3, 2, 5, 4 Ans **X** 2. 3, 1, 2, 5, 4 **X** 3. 1, 3, 5, 2, 4 **4**. 3, 1, 5, 2, 4 Question ID: 26433079457 Status: Answered Chosen Option: 4 Q.10 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number. 687:612::713:?::621:546 Ans X 1. 656 **X** 2. 674 X 3.662 **4**. 638 Question ID: 26433067906 Status : Not Attempted and Marked For Review Chosen Option : --Q.11 In a certain code language, 'EAGER' is written as 'AEHRE' and 'GIRLS' is written as 'IGSSL'. How will 'ISSUE' be written in that language? Ans X 1. ISTEU X 2. ISTUE X 4. ISSEU Question ID: 26433069571 Status : Answered Chosen Option: 3 Q.12 By interchanging the given two signs which of the following equation will be not correct? and × **Ans** \times 1.5-6 × 3 + 16 ÷ 4 = 31 \times 2. 11 + 6 × 3 – 8 ÷ 2 = 5 \times 3. 7 × 8 + 4 ÷ 2 – 6 = 11 \checkmark 4. 7 × 2 + 27 ÷ 9 – 4 = 18 Question ID: 264330105125 Status : Answered Chosen Option: 4





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. Statements:

I. All A are R.

II. All R are C.
Conclusions:
I. All A are C.
II. Some R are A.
III. No C is R.

Ans

X 1. All conclusion follows

X 2. Both conclusions II and III follows

★ 3. Both conclusions I and III follows

Question ID : 264330104946 Status : Answered Chosen Option : 4

Q.19 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)

Knife : Cut :: Ladle : ?

Ans 💢 1. Chop

2. Serve

X 3. Slice

X 4. Spread

Question ID : 26433067812 Status : Answered

Chosen Option : 4

Q.20 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

25 * 5 * 10 * 2 * 13

Ans X 1. ÷, ×, −, =

× 2. ÷, -, +, =

X 3. ×, +, -, =

√ 4. ÷, +, −, =

Question ID : 26433068565

Status : Answered

Q.21 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 tomatoes are peas.

Some peas are potatoes.

All potatoes are fruits.

Conclusions:

- I. Some tomatoes are potatoes.
- II. Some fruits are potatoes. III. Some peas are fruits.

1. All conclusions follow.

X 2. Only conclusions I and III follow.

3. Only conclusions II and III follow.

4. Only conclusions I and II follow.

Question ID: 26433070403

Status: Marked For Review

Chosen Option: 3

Q.22 'A @ B' means 'A is the husband of B'.

'A & B' means 'A is the father of B'.
'A # B' means 'B is the son of A'.

If K # L & M @ N # P, then how is P related to K?

X 1. Father

X 2. Son

X 3. Son's son

✓ 4. Son's son's son

Question ID: 26433068459

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.23 By interchanging the given two signs which of the following equation will be not

– and ÷

 \checkmark 1. 20 × 8 – 4 ÷ 2 + 7 = 50 Ans

 \times 2. 35 – 5 + 8 ÷ 4 × 3 = 3

 \times 3. 10 + 8 × 6 – 4 ÷ 2 = 20

 \times 4. 12 – 4 + 11 × 3 ÷ 8 = 28

Question ID: 264330105122

Status : Answered

Q.24 Study the given pattern carefully and select the number that can replace the question mark (?) in it. First row: 18, 9, 27 Second row: 40, 36, 140 Third row: 40, 13, ? (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) X 1. 53 Ans X 2. 54 **3**. 25 **X** 4. 45 Question ID: 26433069124 Status : Not Attempted and Marked For Review Chosen Option: --Q.25 Which of the following numbers will replace the question mark (?) in the given series? 29, 33, ?, 113, 369 **X** 1. 55 Ans **X** 2. 51 **X** 3. 54 **4**. 49 Question ID: 26433068330 Status : Answered Chosen Option: 4 Section: General Awareness Q.1 Which of the following players is associated with boxing? Ans X 1. Archana Kamat 2. Lovlina Borgohain X 3. Hima Das X 4. Monica Batra Question ID: 26433071537 Status: Answered Chosen Option: 2 Q.2 Who among the following Indian music directors won the Best Original Score at Amsterdam International Film Festival in 2022? Ans X 1. A.R.Rahman X 2. Santosh Narayanan 💢 3. Harris Jayaraj 4. Ilaiyaraaja Question ID : 26433054475 Status: Not Answered Chosen Option: --

	In 2015, the Planning Commission was replaced with the	_·
Ans	★ 1. Monetary Policy Committee	
	★ 2. Competition Commission of India	
	X 3. NaBFID	
	✓ 4. NITI Aayog	
		Question ID : 26433090754
		Status : Answered Chosen Option : 4
		Sheesh Spitem 1
Q.4	Which of the following is an organic compound with the formula CH	₃ OC ₆ H ₅ used as a
	perfume, fragrance and solvent?	
Ans	1. Anisole	
	X 2. Toluene	
	X 3. Acetophenone	
	★ 4. Aniline	
		Question ID : 26433064071
		Status : Not Answered
		Chosen Option :
Q.5	in a particular direction is velocity.	
Ans	X 1. Acceleration	
	X 2. Displacement	
	X 4. Distance	
	★ 4. Distance	Ouestion ID : 26/330105/65
	X 4. Distance	Question ID : 264330105465 Status : Answered
	★ 4. Distance	
		Status : Answered
	Birju Maharaj was awarded which of the following awards in 2012?	Status : Answered
Q.6 Ans	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award	Status : Answered
	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award	Status : Answered
	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award 3. National Film Award	Status : Answered
	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award	Status : Answered
	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award 3. National Film Award	Status : Answered
	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award 3. National Film Award	Status : Answered Chosen Option : 3
	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award 3. National Film Award	Status : Answered Chosen Option : 3 Question ID : 26433090702
Ans	Birju Maharaj was awarded which of the following awards in 2012? 1. Sangam Kala Award 2. Filmfare Award 3. National Film Award 4. Sangeet Natak Akademi Award	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? *\times 1. Sangam Kala Award *\times 2. Filmfare Award *\times 3. National Film Award *\times 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime?	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? X 1. Sangam Kala Award X 2. Filmfare Award 3. National Film Award X 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime? X 1. CaSO ₄	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? *\times 1. Sangam Kala Award *\times 2. Filmfare Award *\times 3. National Film Award *\times 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime?	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? X 1. Sangam Kala Award X 2. Filmfare Award 3. National Film Award X 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime? X 1. CaSO ₄	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? X 1. Sangam Kala Award X 2. Filmfare Award 3. National Film Award X 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime? X 1. CaSO ₄ X 2. CaCl ₂ X 3. Ca(OH) ₂	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? X 1. Sangam Kala Award X 2. Filmfare Award 3. National Film Award 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime? X 1. CaSO ₄ X 2. CaCl ₂	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? X 1. Sangam Kala Award X 2. Filmfare Award 3. National Film Award X 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime? X 1. CaSO ₄ X 2. CaCl ₂ X 3. Ca(OH) ₂	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered
Ans	Birju Maharaj was awarded which of the following awards in 2012? X 1. Sangam Kala Award X 2. Filmfare Award 3. National Film Award X 4. Sangeet Natak Akademi Award Which of the following is commonly known as Quicklime? X 1. CaSO ₄ X 2. CaCl ₂ X 3. Ca(OH) ₂	Status : Answered Chosen Option : 3 Question ID : 26433090702 Status : Not Answered Chosen Option :

Q.8 Which road plan in India was the first attempt for the Road Development Programme between 1943-1963? Ans X 1. Poona Road Plan 2. Nagpur Road Plan X 3. Bombay Road Plan X 4. Lucknow Road Plan Question ID: 26433090759 Status: Not Answered Chosen Option: --Q.9 In August 2022, the "SMILE-75 Initiative" was launched by Ministry of Social Justice & Empowerment. What is the objective of this scheme? Ans X 1. To provide education and training to the weaker sections of the society X 2. To improve immunisation coverage for children and pregnant women in India X 3. To accelerate the development of biopharmaceuticals ✓ 4. To make our cities/town and municipal areas begging-free. Question ID: 264330105304 Status : Answered Chosen Option: 4 Q.10 In which year were the 73rd and 74th amendments passed by the Parliament? **Ans** X 1. 1989 **2**. 1992 **X** 3. 1990 **X** 4. 1995 Question ID: 26433064834 Status : **Answered** Chosen Option : 2 Q.11 Roshan Kumari is an exponent of which Indian classical dance form? Ans 1. Kathak X 2. Odissi X 3. Bharatanatyam X 4. Kathakali Question ID: 26433054328 Status: Answered Chosen Option : 1 Q.12 Where is the Sair-E-Gul Faroshan festival held? Ans X 1. Mussoorie 💢 2. Mumbai ✓ 3. Delhi X 4. Shimla Question ID: 26433074079 Status: Not Answered Chosen Option: --

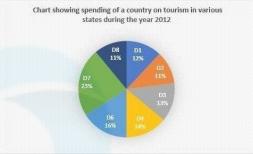
	Where and when will the fourth edition of the Winter Youth	Tolympic dames be neid:
Ans	X 1. 2024 Nanjing	
	X 2. 2026, Dakar	
	★ 3. 2023 Buenos Aires	
	✓ 4. 2024 Gangwon	
		Question ID : 26433059413 Status : Not Answered
		Chosen Option :
2.14	According to census 2011, which is the least populous sta	ite in India?
Ans	★ 1. Nagaland	
	✓ 2. Sikkim	
	★ 3. Arunachal Pradesh	
	X 4. Goa	
		Question ID : 264330105535
		Status : Answered Chosen Option : 2
		Chosen Option . 2
Q.15	Dadabhai Naoroji was a	
Ans	✓ 1. Businessman	
	★ 2. Doctor	
	✗ 3. Soldier	
	X 4. British Officer	
		Question ID : 264330105565
		Status : Answered
		Chosen Option : 1
	Vetti tax that is mentioned in the inscriptions of the Chola form.	dynasty was taken in
Ans	★ 1. Crops	
	★ 2. Land revenue	
	X 3. Cash	
	√ 4. Forced labour	
	✓ 4. Forced labour	
	✓ 4. Forced labour	Question ID : 264330105405
	✓ 4. Forced labour	Status : Not Answered
Q.17	√ 4. Forced labour Which of the following statements is correct? ✓/ 4. Forced labour ✓/ 4. Forced labour ✓/ 5. Forced labour	Status : Not Answered
		Status : Not Answered
	Which of the following statements is correct?	Status : Not Answered
	Which of the following statements is correct? ✓ 1. Water is a cyclic resource.	Status : Not Answered
	Which of the following statements is correct? ✓ 1. Water is a cyclic resource. ✓ 2. Water has only one state. ✓ 3. Water a non-renewable resource.	Status : Not Answered
	Which of the following statements is correct? ✓ 1. Water is a cyclic resource. ✓ 2. Water has only one state.	Status : Not Answered
	Which of the following statements is correct? ✓ 1. Water is a cyclic resource. ✓ 2. Water has only one state. ✓ 3. Water a non-renewable resource.	Status : Not Answered
Q.17 Ans	Which of the following statements is correct? ✓ 1. Water is a cyclic resource. ✓ 2. Water has only one state. ✓ 3. Water a non-renewable resource.	Status : Not Answered Chosen Option :

Q.18 The Chinese Buddhist pilgrim, Xuan Zang, came to the Indian subcontinent about _ years ago. **X** 1. 1100 Ans **X** 2. 1700 **X** 3. 2000 **4**. 1400 Question ID: 264330105190 Status : Answered Chosen Option: 4 Q.19 Identify an example of decomposers that are found in the bottom of a pond. Ans X 1. Zooplankton X 2. Jellyfishes X 4. Phytoplankton Question ID: 26433087873 Status: Answered Chosen Option : 4 Q.20 The is a set of written rules that are accepted by all people living within a country. Ans X 1. Writ X 2. Document 3. Constitution 🗙 4. Bill Question ID: 26433086760 Status : Answered Chosen Option: 3 Q.21 Which of the following is NOT an advantage of E-Commerce? Ans X 1. Cost saving and price reduction 2. Late response to customer needs X 3. Wider choice X 4. Improved customer services Question ID: 26433064523 Status : Answered Chosen Option: 2 Q.22 Who has been appointed as the Director General, National Centre for Good Governance (NCGG) in September 2022? Ans X 1. Tarun Kapoor X 2. Rajiv Bahl X 3. Pralay Mondal 4. Bharat Lal Question ID: 264330105324 Status: Not Answered Chosen Option: --

Q.23 Sultan Mahmud of Ghazni was a contemporary of which Chola king? Ans X 1. Rajaraja I X 2. Rajendra II 💢 3. Rajadhiraja 4. Rajendra I Question ID: 264330105440 Status: Not Answered Chosen Option: --Q.24 In April 2022, which scheme was selected for PM's Award for Excellence in Public Administration? X 1. Smile X 2. Beti Bachao Beti Padhao 3. UDAN X 4. Make in India Question ID: 264330105303 Status: Not Answered Chosen Option: --Q.25 The Sunderban delta is the home of which of the following animal? Ans X 1. Asiatic Cheetah X 2. Asiatic Lions 3. Royal Bengal Tiger X 4. Black Panther Question ID: 264330105663 Status : Answered Chosen Option: 3 Section : Quantitative Aptitude Q.1 By selling a car for Rs.2,78,000, a dealer gains 25%. If the profit is reduced to 18%, then the selling price will be: Ans √ 1. Rs.2,62,432 X 2. Rs.2,65,432 X 3. Rs.2,72,432 X 4. Rs.2,60,432 Question ID: 26433063694 Status: Answered Chosen Option: 1 Q.2 A and B together can do a piece of work in 50 days. If A is 40% less efficient than B, in how many days can A working alone complete 60% of the work? **X** 1. 70 Ans **X** 2. 110 **3**. 80 **X** 4. 105 Question ID: 26433081073 Status: Answered Chosen Option: 3

Q.3 The following pie chart shows the spending of a country on tourism in various states during the year 2012.

Total spending of the country = ₹49,62,000



The amount spent on state together D1 and D4 exceeds that spent on together D2 and D8 by:

- Ans × 1. ₹1,89,760
 - × 2. ₹1,97,890
 - √ 3. ₹1,98,480
 - × 4. ₹1,78,960

Question ID: 26433082672 Status : Answered

Chosen Option: 3

Q.4 In the given figure, AB = DB and AC = DC. If $\angle ABD = 58^{\circ}$ and $\angle DBC = (2x - 4)^{\circ}$, $\angle ACB = (y + 15)^{\circ}$ and $\angle DCB = 63^{\circ}$, then the value of 2x + 5y is:



Ans

- X 1. 325
- **2**. 273
- **X** 3. 259
- **X** 4. 268

Question ID: 26433075334

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.5 Three numbers are in the ratio of 2:3:5 and their LCM is 90. Find their HCF.

- Ans X 1.9
 - **X** 2. 1
 - **X** 3. 6
 - **4**. 3

Question ID: 26433074251

Status : Answered

Study the given table and answer the question that follows.

The table shows the number of customers for different services in different cities.

City → Services ↓	X	Y	Z
A	250	175	350
В	220	190	240
С	260	200	270
D	245	185	330

In which service is the average number of customers per city the highest?

X 1. C

✓ 2. A

X 3. D

X 4. B

Question ID: 26433085472 Status: Answered Chosen Option: 3

Q.7 On simple interest a sum of ₹640 becomes ₹832 in 2 years. What will ₹860 become in 4 years at the same rate of simple interest?

Ans

X 1. ₹1,250

√ 2. ₹1,376

🗙 3. ₹1,426

X 4. ₹1,150

Question ID: 26433082398

Status : Answered

Chosen Option : 2

If $x+\frac{1}{x}=8$, then find the value of $\frac{5}{x^2-8x+2}$.

Ans X 1.3

X 2.4

X 3. 0

4. 5

Question ID: 26433075034

Status: Answered

Chosen Option: 4

Q.9 The average weight of 49 students in a class is 39 kg. Seven of them whose average weight is 40 kg leave the class and other seven students whose average weight is 54 kg join the class. What is the new average weight (in kg) of the class?

Ans

X 2. 39

X 3. 42

X 4. 40

Question ID: 26433063769 Status : Answered

Q.10 Study the table given below and answer the questions that follows.

Countries	Number of Tests	Positive cases	Number of patients for Ventilators
The US	14000	12%	20%
Spain	12000	8%	12.5%
Italy	10000	12%	16%
China	10000	11%	15%

According to the table given above, which country has the maximum number of positive cases?

Ans

- √ 1. The US
- X 2. China
- X 3. Spain
- X 4. Italy

Question ID: 26433087396 Status : Answered Chosen Option : 1

If tanA + cotA = 2, then the value of 2($tan^2 A + cot^2 A$) is:

- Ans
 - **X** 1. 1 **2**.4
 - **X** 3. 2
 - **X** 4. 3

Question ID: 26433062675 Status: Answered

Chosen Option: 2

Q.12 A shopkeeper gives two successive discounts on a watch marked ₹2,750. The first discount given is 10%. If the customer pays ₹2,103.75 for the watch, then what is the second discount?

Ans

- √ 1. 15%
- × 2. 30%
- X 3. 12%
- × 4. 10%

Question ID: 26433076180 Status: Answered

Chosen Option: 1

Q.13 Which of the following numbers are divisible by 2, 3 and 5?

- **Ans** X 1. 5467760
 - **X** 2. 1345678
 - **3**. 2345760

X 4. 2456732

Question ID: 26433075225 Status: Answered

Q.14 Two trains P and Q start from stations S and T towards each other. Train P takes 4 hours 48 minutes and train Q takes 3 hours 20 minutes to reach T and S, respectively, after they meet. If the speed of train P is 45 km/h, what is the speed of train Q?

Ans X 1. 48 km/h

X 2. 50 km/h

√ 3. 54 km/h

X 4. 55 km/h

Question ID: 26433073112

Status : Answered

Chosen Option: 3

If $\frac{(1-\cos\theta)}{\sin\theta} = \frac{1}{5}$, then what will be the value of $\frac{(1+\cos\theta)}{\sin\theta}$?

Ans 💜 1.5

X 2. 2/5

X 3. 4/5

X 4. 1/5

Question ID : 264330105892

Status : Answered

Chosen Option : 1

Q.16 If $K + \frac{1}{K} = 3$, then what is the value of $\frac{1}{K^3} + K^3$?

Ans X 1. 36

X 2. 10

3. 18

X 4. 54

Question ID: 264330105919

Status: Answered

Chosen Option: 3

Q.17 In the given figure, a square ABCD is inscribed in a quadrant APCQ. If AB = 16 cm, find the area of the shaded region (take π = 3.14) correct to two places of decimal.



Ans × 1. 155.98 cm²

× 2. 179.68 cm²

× 3. 163.85 cm²

✓ 4. 145.92 cm²

Question ID: 26433065014 Status: Answered

Q.18 O is the incentre of the triangle PQR. If angle POR = 140 degree, then what is the angle PQR?

- Ans X 1. 40 degree
 - ✓ 2. 140 degree
 - X 3. 100 degree
 - X 4. 70 degree

Question ID: 264330105843 Status : Answered

Chosen Option: 3

Q.19 If the side of an equilateral triangle is 20 cm, then what is its area?

- \times 1. 110 $\sqrt{3}$ cm²
- \times 2. 125 $\sqrt{3}$ cm²
- \times 3. 200 $\sqrt{3}$ cm²
- \checkmark 4. 100 √3 cm²

Question ID : 264330105820

Status : **Answered**

Chosen Option : 4

Q.20 Which of the following statement is correct?

I. The value of
$$100^2 - 99^2 + 98^2 - 97^2 + 96^2 - 95^2 + 94^2 - 93^2 + \dots + 2^2 - 1^2$$
 is 5050.

II. If
$$8x + \frac{8}{x} = -16$$
 and $x < 0$, then the value of $x^{197} + x^{-197}$ is 2.

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

Question ID: 264330105959

Status : Not Attempted and Marked For Review

If $\sin A = \frac{4}{5}$ and $\sin B = \frac{15}{17}$, what is the value of $\sin (A - B)$?

Question ID: 26433061937 Status : Answered Chosen Option: 2

Q.22 From the circumcentre L $\,$ of $\Delta XYZ,$ perpendicular LM is drawn on side YZ. If $\angle YXZ = 60^{\circ}$, then the measure of $\angle YLM$ is:

Ans

- √ 1. 60°
- × 2. 120°
- X 3. 180°
- **×** 4. 90°

Question ID: 26433083069 Status : **Answered** Chosen Option: 2

Q.23 The number of books on Mathematics, Physics and Chemistry in a University library is in the ratio 8:5:9. There is a proposal to increase these books by 10%, 5% and 5% respectively. What will be the ratio of the number of books after increment?

- **Ans** X 1. 212 : 117 : 47
 - **X** 2. 37 : 47 : 83
 - **3**. 176 : 105 : 189
 - **X** 4. 189 : 115 : 117

Question ID: 26433074956 Status : Answered Chosen Option: 3

Q.24 Ratio between the present ages of A and B is 2:3, respectively. After 5 years, the ratio between their ages will be 3:4. What is B's age at present?

- **Ans** X 1. 20 years
 - 2. 15 years
 - X 3. 10 years
 - X 4. 25 years

Question ID: 26433065078 Status: Answered Chosen Option: 2

Q.25 Who scored the least marks in aggregate of all the subjects?

	SUBJECT		
Tame of the student	English	Hindi	Maths
A	54	65	67
В	52	88	78
С	48	48	67
D	41	87	60
Е	74	70	55

Ans X 1. D

X 2. E

X 3. A

√ 4. C

Question ID: 26433080383 Status : Answered Chosen Option : 4

Section : English Comprehension

Q.1	Select the most appropriate	collocating word	I to fill in the blank.
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After having understood the ill effects, he said he would___ __drinking alcohol.

🚀 1. quit Ans

X 2. finish

X 3. close

X 4. terminate

Question ID: 26433070450 Status : **Answered** Chosen Option : 1

Q.2 Select the most appropriate synonym of the given word.

Remorse

Ans 1. Repentance

X 2. Slow

X 3. Liberate

X 4. Affinity

Question ID: 26433072196 Status: Answered

jesh was angry at himself for making a silly mistake during the e 1. for 2. on 3. above 4. with	Question ID : 26433088313 Status : Answered Chosen Option : 4
2. on 3. above 4. with	Status : Answered
3. above 4. with	Status : Answered
4. with	Status : Answered
	Status : Answered
ctify the sentence by selecting the correct spelling of the underli	Status : Answered
ctify the sentence by selecting the correct spelling of the underli	Status : Answered
ctify the sentence by selecting the correct spelling of the underli	
ctify the sentence by selecting the correct spelling of the underli	
ctify the sentence by selecting the correct spelling of the underli	Silvania Spirania I
	ned word.
ould never <u>ascociate</u> with such a person.	
↑ 1. associate	
√ 2. accosiate	
√ 3. assosiate	
4. asosiate	
	Question ID : 26433065147
	Status : Answered
	Chosen Option : 1
ts of which 20% were the less <u>precise</u> rapid antigen tests. 1. Complicated 2. Inevitable 3. Rough 4. Adequate	Question ID : 26433061560
	Status : Answered Chosen Option : 1
	Gilosoff Option . 1
lect the most appropriate meaning of the underlined segment in	he given sentence.
the end of the football match, feelings had reached fever pitch. 1. in or to many places 2. to get so strong that one cannot control them 3. be extremely serious and worrying 4. start well	
	Question ID : 26433059819 Status : Answered Chosen Option : 2
	assosiate 4. asosiate 4. asosiate 4. asosiate ect the most appropriate ANTONYM of the underlined word. In unmber of tests conducted dropped further on Saturday with a test of which 20% were the less precise rapid antigen tests. 1. Complicated 2. Inevitable 3. Rough 4. Adequate ect the most appropriate meaning of the underlined segment in the end of the football match, feelings had reached fever pitch. 1. in or to many places 2. to get so strong that one cannot control them 3. be extremely serious and worrying

Q.7 Select the option that can be used as a one-word substitute for the given group of A speech made without preparation Ans 1. Extempore X 2. Rhetoric X 3. Deliberation X 4. Spontaneous Question ID : 26433072547 Status: Answered Chosen Option: 1 Q.8 Select the most appropriate meaning of the given idiom. To smell a rat Ans X 1. To have reason to know the presence of a rat 2. To have reason to suspect X 3. To know the smell of a rat X 4. To learn the smell of a rat Question ID: 26433072217 Status : **Answered** Chosen Option : 2 Q.9 Select the correct indirect form of the given sentence. Priya said, "Yes, I am confounded." Ans X 1. Priya admitted that she was confound. X 2. Priya admit that she was confounded. X 4. Priya admitted that she is confounded. Question ID: 264330104614 Status : Answered Chosen Option: 3 Q.10 Select the correct passive form of the given sentence. People speak Cantonese in Hong-Kong. Ans X 1. Cantonese was spoken in Hong-Kong. ✓ 2. Cantonese is spoken in Hong-Kong. X 3. Cantonese was spoken in Hong-Kong by people. X 4. Cantonese is being spoken in Hong-Kong. Question ID: 264330104551 Status: Answered Chosen Option: 2

Q.11 Parts of the following sentence have been given as options. Select the option that contains an error. She, often, accuses him for a lack of morality. Ans X 1. She often 2. a lack of morality 3. No error X 4. accuses him for Question ID: 26433089090 Status : Answered Chosen Option: 2 Q.12 Choose the incorrectly spelt word. Ans X 1. Professional X 2. Dubious X 3. Nefarious 4. Consumate Question ID: 264330104740 Status : Answered Chosen Option: 4 Q.13 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'. We live in a populated country of 120 million people. Ans X 1. congested X 2. dense 3. populous X 4. No substitute Question ID: 26433073902 Status : Answered Chosen Option: 3 Q.14 Rearrange the parts of the sentence in correct order. According to the report,
P. the 2021 projections reflect growing Q. recognition of climate change issues R. and the importance of nuclear power in S. reducing emissions from electricity generation Ans X 1. QRSP X 2. QPRS X 3. PSQR Question ID: 264330104693 Status : Answered Chosen Option: 4

Q.15 Select the most appropriate ANTONYM of the underlined word in the context of its meaning in the sentence. A few chocolates were <u>left</u> after the Halloween's trick or treat fair. Ans X 1. stayed 2. finished X 3. right X 4. present Question ID: 26433061041 Status: Answered Chosen Option: 4 Q.16 Select the most appropriate option to fill in the blank. The patient was _ from the hospital. X 1. liberated Ans 2. discharged X 3. let out X 4. released Question ID: 26433087938 Status : **Answered** Chosen Option : 2 Q.17 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. P. Many deadwood beetle species recycle the nutrients of woodlands. Q. Some deadwood beetles are predators or parasitoids to other insect species and restrict population growth of potential pests. R. Others have recently been found to be pollinators. S. Working alongside fungi, bacteria and other invertebrates, they break down dead wood and return the nutrients back to the soil. Ans ✓ 1. PSQR 🗶 2. RPSQ 🗙 3. PRQS X 4. QPRS Question ID: 264330104698 Status: Answered Chosen Option: 1 Q.18 Select the option that expresses the given sentence in active voice. The keys have been forgotten by Jyoti. Ans X 1. Jyoti will have forgotten the keys. X 2. Jyoti had forgotten the keys. 3. Jyoti has been forgetting the keys. 4. Jyoti has forgotten the keys. Question ID: 26433091861 Status: Answered Chosen Option: 4

Q.19	Parts of the following sentence have been given as options. Select contains a grammatical error.	the option that	
	There was no denying the fact / that King Lear confided to / his dau more than anybody else.	ghter Cordelia /	
Ans	✓ 1. that King Lear confided to		
	★ 2. There was no denying the fact		
	★ 3. more than anybody else.		
	X 4. his daughter Cordelia		
		Question ID : 26433073831 Status : Answered	
		Chosen Option : 2	
Q.20	Select the most appropriate ANTONYM of the given word.		
	Polite		
Ans	✓ 1. Rude		
	★ 2. Civil		
	X 3. Decent		
	X 4. Sober ■ The state of th		
		Question ID : 26433060896 Status : Answered	
		Chosen Option : 1	
	Comprehension:		
	In the following persons come words have been deleted. Boad the person		
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank.	age carefully and	
	select the most appropriate option to fill in each blank.		
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a grame which he was the Malgudi agent, went out of existence. He had put into	phone company, of hat agency the little	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a grame which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfo	phone company, of hat agency the little t him (3) ort. And one day, it	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a grame which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough	phone company, of hat agency the little t him (3) ort. And one day, it	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a grame which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfowas (4) A series of (5) in the world of trade, commerce	phone company, of hat agency the little t him (3) ort. And one day, it	
Q.21	Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfo was (4) A series of (5) in the world of trade, commerce politics was responsible for it.	phone company, of hat agency the little t him (3) ort. And one day, it	
Q.21 Ans	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comforwas (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21	phone company, of hat agency the little t him (3) ort. And one day, it	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comforwas (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1.	phone company, of hat agency the little t him (3) ort. And one day, it	
	Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfo was (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1. 1. while	phone company, of hat agency the little t him (3) ort. And one day, it	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a grame which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comforwas (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1. X 1. while X 2. beyond	phone company, of hat agency the little t him (3) ort. And one day, it	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfort was (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1. X 1. while X 2. beyond X 3. about	phone company, of hat agency the little t him (3) ort. And one day, it , banking, and	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfort was (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1. X 1. while X 2. beyond X 3. about	phone company, of hat agency the little t him (3) ort. And one day, it , banking, and Question ID: 26433086509	
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfort was (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 21 Select the most appropriate option to fill in blank number 1. X 1. while X 2. beyond X 3. about	phone company, of hat agency the little t him (3) ort. And one day, it , banking, and	

	Comprehension: In the following passage, some words have been deleted. Read the passage and the most appropriate patient to fill in each blook.	age carefully and			
	select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into a money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfo was (4) A series of (5) in the world of trade, commerce politics was responsible for it.	hat agency the little t him (3) rt. And one day, it			
0.22	SubQuestion No : 22				
Ans	Select the most appropriate option to fill in blank number 2. 1. converted				
Allo					
	X 2. exchanged				
	★ 4. gambled				
		Question ID : 26433086510			
		Status : Answered			
		Chosen Option : 2			
	Comprehension				
	Comprehension: In the following passage, some words have been deleted. Read the pass	eage carefully and			
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.				
	Little (1) a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2) as security. For five years his business brought him (3) money, just enough to help him keep his wife and children in good comfort. And one day, it was (4) A series of (5) in the world of trade, commerce, banking, and politics was responsible for it.				
	SubQuestion No : 23				
Q.23	Select the most appropriate option to fill in blank number 3.				
Ans	✓ 1. enough				
	X 2. much				
	★ 3. a few				
	X 4. few				
		Question ID : 26433086511			
		Status : Answered Chosen Option : 1			
		Checon option: 1			
	Comprehension:	Shoosh epash. 1			
	Comprehension: In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank.				
	In the following passage, some words have been deleted. Read the pass	phone company, of hat agency the little thim (3)			
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfowas (4) A series of (5) in the world of trade, commerce	phone company, of hat agency the little thim (3)			
Q.24	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into a money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comforwas (4) A series of (5) in the world of trade, commerce politics was responsible for it.	phone company, of hat agency the little thim (3)			
Q.24 Ans	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfowas (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 24	phone company, of hat agency the little thim (3)			
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfowas (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 24 Select the most appropriate option to fill in blank number 4. 1. a wild goose chase	phone company, of hat agency the little thim (3)			
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into a money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfo was (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 24 Select the most appropriate option to fill in blank number 4. X 1. a wild goose chase X 2. a snake in the grass	phone company, of hat agency the little thim (3)			
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Little (1) a year ago, Rama Rao went out of work when a gramo which he was the Malgudi agent, went out of existence. He had put into money he had (2) as security. For five years his business brough money, just enough to help him keep his wife and children in good comfowas (4) A series of (5) in the world of trade, commerce politics was responsible for it. SubQuestion No: 24 Select the most appropriate option to fill in blank number 4. 1. a wild goose chase	phone company, of hat agency the little thim (3)			

Question ID : 26433086512 Status : Answered Chosen Option : 2

	Comprehension:
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
	Little (1) a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2) as security. For five years his business brought him (3) money, just enough to help him keep his wife and children in good comfort. And one day, it was (4) A series of (5) in the world of trade, commerce, banking, and politics was responsible for it.
	SubQuestion No : 25
Q.25	Select the most appropriate option to fill in blank number 5.
Ans	X 1. instructions
	✓ 2. circumstances
	★ 3. questions
	★ 4. lectures

Question ID : 26433086513 Status : Answered Chosen Option : 2