Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	Adhya Infotech
Exam Date	03/12/2022
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2022

Section : General Intelligence and Reasoning

Q.1 Three different positions of the same dice are shown (figures 1 to 3). Find the number on the face opposite to the face having '1'.

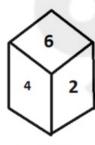


figure 1

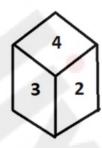


figure 2

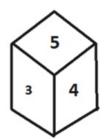


figure 3

Ans X 1.6

2. 4

X 3. 5

X 4. 3

Question ID : 26433070246 Status : Answered

Chosen Option : 2

Q.2 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



Ans

ECONOMIST □ ▼

EOCNOMIST 5X

EOCN2MIST [₹]

EOCN2IMST ⁴×

Question ID : 26433067821 Status : Answered

 $\textbf{Q.3} \quad \text{Select the figure from among the given options that can replace the question mark (?) in the following series.}$ Ans 15 **X** 1. 13 13 **X** 2. 15 15 13 13 15 Question ID: 26433057858 Status: Answered Chosen Option: 3 Q.4 In a certain code language, 'MOBILE' is written as 'PRELOH' and 'SILENT' is written as 'VLOHQW', how will 'PAINTING' be written in that language? X 1. SDLQVKPI 2. SDLQWLQJ X 3. RCKPWLQJ X 4. RCKPVKPI Question ID: 26433067770 Status : Answered Chosen Option : 2 Q.5 Select the set in which the numbers are related in the same way as are the numbers of the following set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.) (36, 90, 18) (15, 35, 8) **1**. (14, 45, 5) Ans **X** 2. (14, 42, 7) **X** 3. (13, 78, 6) **X** 4. (12, 60, 8) Question ID: 26433069244 Status: Not Answered Chosen Option: --

Q.6 If P + Q means that P is the mother of Q, P \div Q means that P is the father of Q, P – Q means that P is the sister of Q, then which of the following expression shows that A is the maternal grandfather of C?

🗶 1. B ÷ A + C Ans

X 2. A−B ÷ C

X 3. A + B ÷ C

√ 4. A ÷ B + C

Question ID: 264330104959 Status : Answered Chosen Option: 4

Q.7 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.
ROAR : QZNQ :: HEAR : QZDG :: DAMP : ?

💢 1. MPAD Ans

2. OLZC

X 3. BCOA

X 4. PMAD

Question ID: 26433056403 Status : **Answered** Chosen Option : 2

Q.8 By Interchanging the given two numbers which of the following equation will be not correct? 5 and 9

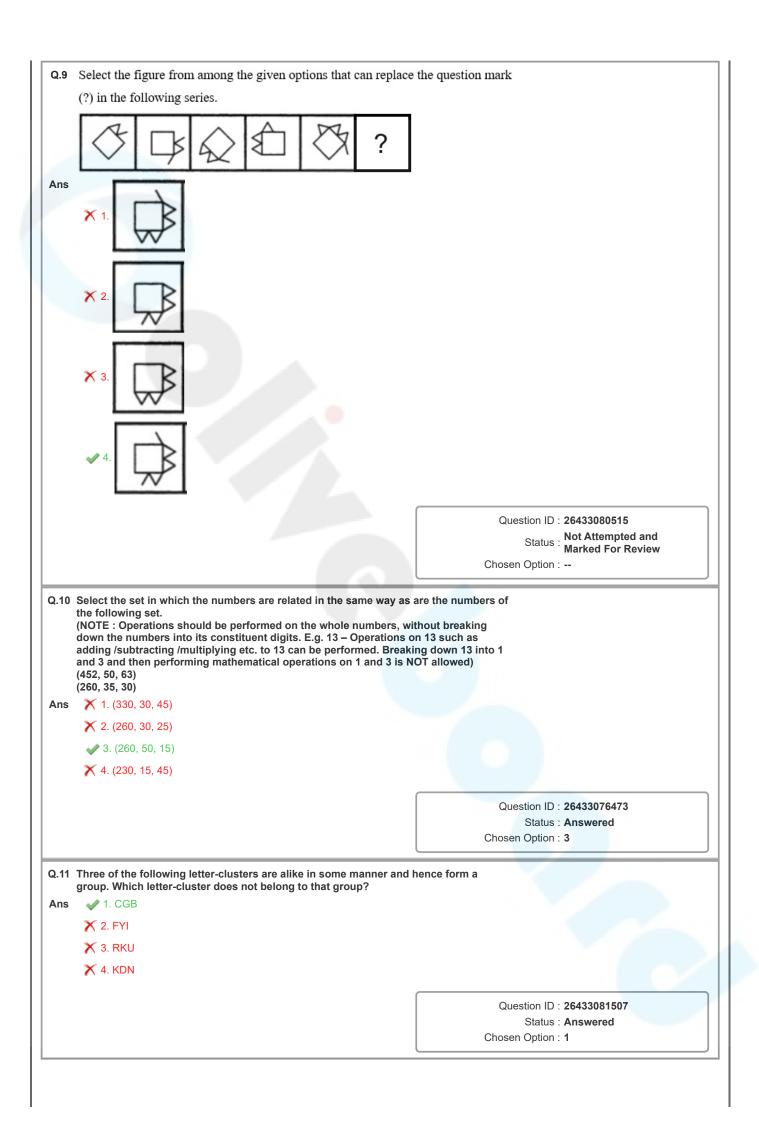
 \times 1. 9 × 4 + 5 – 8 ÷ 2 = 25 Ans

 \checkmark 2. 9 – 5 × 4 + 6 ÷ 3 = –30

 \times 3.9 + 7 × 8 ÷ 4 – 5 = 10

 \times 4. 9 – 4 × 5 + 6 ÷ 2 = –28

Question ID: 264330105106 Status : **Answered**



Q.12 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) (13, 52, 8) **X** 1. (8, 7, 43) Ans **X** 2. (7, 12, 6) **X** 3. (9, 26, 8) **4**. (9, 18, 4) Question ID: 26433079123 Status: Answered Chosen Option: 4 Q.13 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. WINDOW: XFOELX:: TICKET: UFDLBU:: REGION:? ✓ 1. SBHFLO Ans X 2. SHFKLO X 3. BHFDLO X 4. HFSOKL Question ID: 26433069021 Status : Answered Chosen Option : 1 Q.14 Which of the following letter-clusters will replace the question mark (?) in the given series? DAJ, GEL, JIN, MMP, ? Ans X 1. PRS **X** 2. QPU 3. QRT Question ID: 26433057992 Status: Answered Chosen Option: 4 Q.15 Which two signs and two numbers should be interchanged in the following equation to make it correct? 14 × 6 ÷ 12 + 15 - 9 = 203 ✓ 1. 15, 6, +, ÷ Ans X 2. 12, 15, -, × X 3. 12, 9, ÷, -X 4. 14 , 6 , ÷ , × Question ID: 26433085359 Status: Answered Chosen Option: 1

Q.16 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s). Statements:

Some bulbs are switches.

No switch is a vase.

All fans are switches.

Conclusions:

I. Some bulbs being fans is a possibility.

II. No fan is a vase.

III. All switches are fans.

IV. No bulb is a vase.

Ans

1. Only Conclusions II and III follow

2. Only Conclusions I and II follow

X 3. Only Conclusions I, II and IV follow

X 4. Only Conclusion I follows

Question ID : 26433070345 Status : **Answered**

Chosen Option: 2

Q.17 A # B means 'A is the mother of B'.

A @ B means 'A is the son of B'.

A & B means 'A is the brother of B'.

A % B means 'A is the wife of B'.

If W # Q @ T & Y @ M % K, then how is K related to W?

Ans X 1. Father

2. Father-in-law

X 3. Brother-in-law

X 4. Brother

Question ID: 26433068150 Status : **Answered**

Chosen Option: 2

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. Some W are F.

II. Some R are F.

Conclusion:

I. Some R are not W.

II. No W is R.

X 1. Only conclusion I follows Ans

X 2. Both conclusions I and II follows

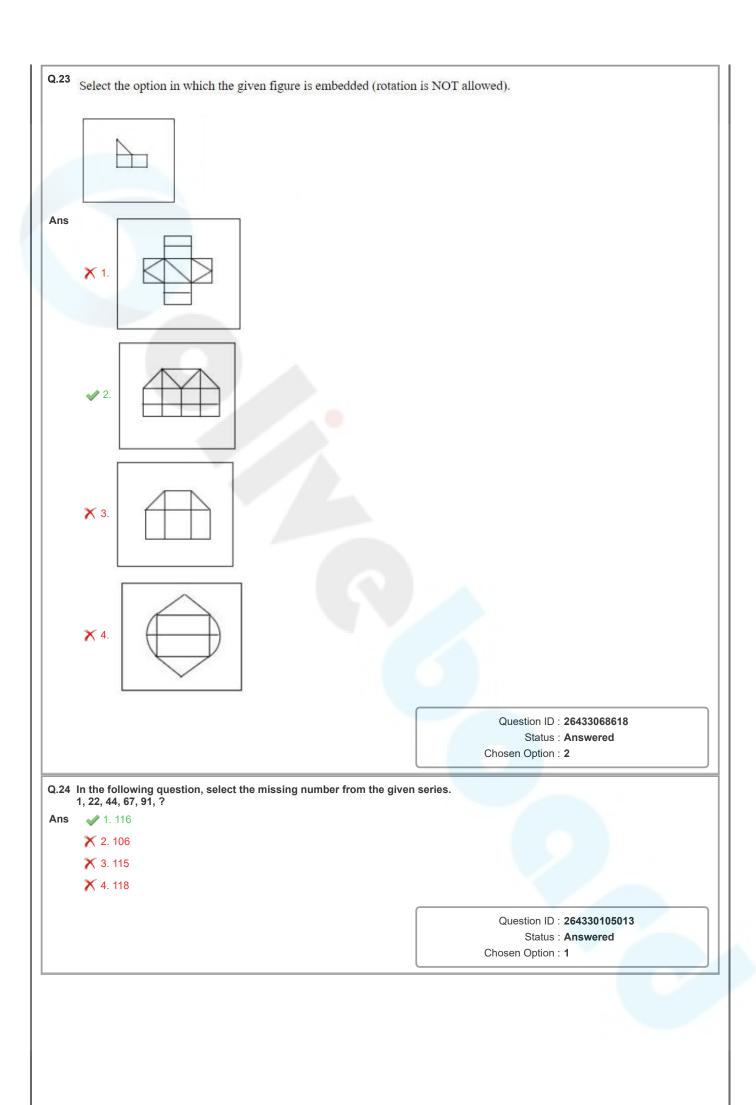
X 3. Only conclusion II follows

4. Neither conclusion follows

Question ID: 264330104915

Status: Answered

Q.19 In a certain code language, 'BREAK' is written as '2182111' and 'COLOUR' is written as '34124518'. How will 'TRING' be written in that language? Ans **X** 1. 20181347 **X** 2. 20189147 3. 20183147 **X** 4. 20183174 Question ID: 26433067574 Status : Answered Chosen Option: 3 Q.20 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 20 * 2 * 50 * 5 * 115 **X** 1. −, ×, =, + √ 3. +, ×, −, = Question ID: 26433068570 Status: Answered Chosen Option: 3 Q.21 Select the option that represents the correct order of the given words as they would appear in an English dictionary. 1- Expensive 2- Expedition 3- Experience 4- Expel 5- Expenditure **1**. 2, 4, 5, 1, 3 Ans **X** 2. 2, 4, 5, 3, 1 **X** 3. 5, 2, 1, 4, 3 **X** 4. 4, 2, 5, 1, 3 Question ID: 26433079453 Status : **Answered** Chosen Option: 1 Q.22 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. RMTS, WGAK, BAHC, GUOU, ? Ans X 1. LMNO 2. LOVM X 3. LOVQ 🔀 4. LMNQ Question ID: 264330104828 Status: Answered Chosen Option: 2



side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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) Ans X 1.7-71 **X** 2. 11 – 111 \times 3.8 – 81 4. 12 – 167 Question ID: 264330105064 Status : Answered Chosen Option: 4 Section: General Awareness Q.1 Any natural mass of mineral matter that makes up the earth's crust is _____. Ans X 1. Garbage 2. Rock X 3. Stone X 4. Fossil Question ID: 264330105641 Status: Answered Chosen Option: 4 Q.2 Rajashree Shirke was given which of the following prestigious dance awards of 2013 for her excellence in Kathak? 1. Sangeet Natak Academy Award Ans X 2. Padma Shri X 3. Kalidas Samman X 4. National Film Award Question ID: 26433074835 Status: Not Answered Chosen Option: --Q.3 Who was the captain of the Indian hockey men's team at Olympic 2020? Ans 1. Manpreet Singh X 2. Amit Rohidas X 3. Sreejesh Ravindran X 4. Krishan B Pathak Question ID: 26433071542 Status: Answered Chosen Option: 1

Q.25 In the following question, four number pairs are given. In each pair the number on left

Q.4	An exponent of Hindustani classical music, Gangubai to have hailed from the gharana of the H	Hangal was an eminent singer Iindustani Khyal family.	
Ans			
	✓ 2. Kirana		
	X 3. Agra ✓ 3. Agra		
	X 4. Gwalior		
		Question ID : 26433054477	
		Status: Not Answered	
		Chosen Option :	
Q.5	If we deduct depreciation from GNP the measure of age	gregate income that we obtain is	
lns	Called1. Gross Domestic Product at market prices		
MIS	× 2. Gross Domestic Product		
	X 4. Personal income		
		Question ID : 264330105362	
		Status : Answered	
		Chosen Option : 3	
Q.6	The chemical formula of borax is		
Ans	★ 1. Na ₂ B ₅ O ₇ .10H ₂ O		
	√ 2. Na ₂ B ₄ O ₇ .10H ₂ O		
	X 3. Na₂B₄O ₇ .5H₂O		
	× 4. Na ₂ B ₄ O ₇ .12H ₂ O		
		Question ID : 26433066459	
		Status : Answered Chosen Option : 3	
Q.7	OYO partnered with the Jammu and Kashmir administrinitiative. What this initiative is called?	ration to launch a rural tourism	
Ans	★ 1. Weaving a Better Future		
	2. Crown of Incredible India		
	★ 3. Shared Planet		
	★ 4. United India		
		Question ID : 264330105291 Status : Answered	
		Chosen Option: 3	
Q.8	Chief Minister Shramik Kalyan Prakalp scheme was lau of	unched by Amit Shah for women	
Ans	★ 1. Bihar		
	✓ 2. Tripura		
	X 3. Haryana		
	X 4. Jharkhand		
	• •		
		Ouestion ID : 264330105271	
		Question ID : 264330105271 Status : Not Answered	

Q.9 Players that stop dribbling in handball have to pass or shot within: Ans X 1. 5 second X 2. 30 second X 3. 10 second 4. 3 second Question ID: 26433064284 Status: Not Answered Chosen Option: --Q.10 Which of the following sequence is correct with respect to the Delhi Dynasties? Ans X 1. Khalji dynasty, Lodi dynasty, Sayyid dynasty X 2. Tughluq dynasty, Khalji dynasty, Sayyid dynasty X 3. Early Turkish Rulers, Rajput dynasties, Khalji dynasty √ 4. Rajput dynasties, Khalji dynasty, Tughluq dynasty Question ID: 264330105420 Status : Answered Chosen Option : 2 Q.11 Which of the following is NOT a classification of E-Commerce? Ans X 1. B2C (Business-to-Consumer) ✓ 2. D2D (Distributor-to-Distributor) X 3. C2C (Consumer-to-Consumer) X 4. B2B (Business-to-Business) Question ID : 26433064520 Status : Answered Chosen Option: 3 Q.12 takes oath as new Meghalaya Governor in October 2022. Ans 🧳 1. B.D. Mishra X 2. A K Anil Kumar X 3. Prashant Kumar X 4. Sunil Barthwal Question ID: 264330105339 Status : Answered Chosen Option: 1 Q.13 There are _____ main types of cell division. Ans X 1.4 **2**. 2 **X** 3. 3 **X** 4.5 Question ID: 264330105450 Status: Answered Chosen Option: 2

	The first session of Indian National congress was held at		
ns	✓ 1. Bombay		
	X 2. Madras		
	X 3. Calcutta		
	× 4. Surat		
		Question ID:	264330105563
			Answered
		Chosen Option :	1
	An electric current is expressed by a unit called		
Ans	X 1. meter		
	2. ampere		
	× 3. watt		
	X 4. joule		
		0 11 15	
			26433066453 Answered
		Chosen Option :	
Q.16	How thick is the lithosphere?		
Ans	X 1. 25 to 45 kilometres		
	X 2. 10 to 25 kilometres		
	X 4. 5 to 10 kilometres		
			26433064463
		Status :	Not Attempted and Marked For Review
		Chosen Option :	
	Who among the following is related to the musical instrument Santo	or?	
Ans	1. Pandit Shivkumar Sharma		
	X 2. Pandit Ravishankar Prasad		
	X 3. Pandit Hariprasad Chaurasia		
	X 4. Pandit Jasraj		
		Overting ID	26433074114
			Answered
		Chosen Option :	
	Chemical formula of magnesium oxide is		
Ans	X 1. MgCO ³		
	\times 2. MgO ²		
	✓ 3. MgO		
	X 4. Mg(OH) ²		
			264330105472
		Status : Chosen Option :	Answered
		Chosen Option .	•

Г

Q.19	The Constitution forbids employment of children below the	
Δnc	dangerous jobs like factories and mines.	
Ans	••	
	√ 2. 14	
	★ 3. 16	
	★ 4. 18	
		0 1: 15 224222422
		Question ID : 26433064829 Status : Answered
		Chosen Option: 2
	Which of the following is not a natural fibre?	
Ans	X 1. Linen	
	X 2. Cotton	
	✓ 3. Rayon	
	X 4. Jute	
		Question ID : 264330105618 Status : Answered
		Chosen Option: 3
		·
Q.21	Which of the following statements is NOT correct with ref	ference to the election of the
A 110	President of India? 1. He/She is indirectly elected by the elected MLAs and	MDe
	1. He/one is indirectly elected by the elected withs and	
Ans	× 0. The Description of the state of the sta	
Alls	2. The President is elected for a period of five years.	
Alls	3. All doubts and disputes in connection with the Preside	ent's election can be inquired
Ans		ent's election can be inquired ourts.
Ans		ent's election can be inquired ourts.
Alls	 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co 4. The election takes place in accordance with the principle. 	ent's election can be inquired ourts. iple of proportional
Alls	 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co 4. The election takes place in accordance with the principle. 	ent's election can be inquired ourts.
Alls	 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co 4. The election takes place in accordance with the principle. 	ent's election can be inquired ourts. iple of proportional Question ID: 26433072914
	 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
Q.22	 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✗ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Tax 1. Pongal	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
Q.22	 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
Q.22	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✗ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Tax 1. Pongal ✓ 2. Puthandu ✗ 3. Ugadi 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
Q.22	 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
Q.22	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✗ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Tax 1. Pongal ✓ 2. Puthandu ✗ 3. Ugadi 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3 amil Nadu?
Q.22	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✗ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Tax 1. Pongal ✓ 2. Puthandu ✗ 3. Ugadi 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3
Q.22	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✗ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Tax 1. Pongal ✓ 2. Puthandu ✗ 3. Ugadi 	ent's election can be inquired burts. iple of proportional Question ID: 26433072914 Status: Answered Chosen Option: 3 amil Nadu? Question ID: 26433071697
Q.22 Ans	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✓ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Ta ✓ 1. Pongal ✓ 2. Puthandu ✓ 3. Ugadi ✓ 4. Onam 	ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans	 ✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✓ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Ta ✓ 1. Pongal ✓ 2. Puthandu ✓ 3. Ugadi ✓ 4. Onam In the early eleventh century, the Chola king Rajendra I but the control of the principle in the	ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans	✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✓ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Ta ✓ 1. Pongal ✓ 2. Puthandu ✓ 3. Ugadi ✓ 4. Onam In the early eleventh century, the Chola king Rajendra I buwith a Sun-pedestal seized from the	ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans		ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans	✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✓ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Ta ✓ 1. Pongal ✓ 2. Puthandu ✓ 3. Ugadi ✓ 4. Onam In the early eleventh century, the Chola king Rajendra I buwith a Sun-pedestal seized from the ✓ 1. Palas ✓ 2. Vakatakas	ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans		ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans	✓ 3. All doubts and disputes in connection with the Preside into and decided by both the Supreme Court and the High Co ✓ 4. The election takes place in accordance with the princi representation. Which of the following is celebrated as the New Year in Ta ✓ 1. Pongal ✓ 2. Puthandu ✓ 3. Ugadi ✓ 4. Onam In the early eleventh century, the Chola king Rajendra I buwith a Sun-pedestal seized from the ✓ 1. Palas ✓ 2. Vakatakas	ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans		ent's election can be inquired outs. iple of proportional Question ID : 26433072914 Status : Answered Chosen Option : 3 Question ID : 26433071697 Status : Answered Chosen Option : 2
Q.22 Ans		ent's election can be inquired ourts. iple of proportional Question ID: 26433072914

Q.24 Which of the following offices was NOT held by the poet Harishena? Ans X 1. Sandhi-vigrahika 🗙 2. Maha-danda-nayaka 3. Nagara-shreshthi X 4. Kumar-amatya Question ID: 264330105198 Status: Not Answered Chosen Option: --__ is found in association with rocks composed of calcium carbonates? 1. Limestone X 2. Gold **X** 3. Iron 🗙 4. Diamond Question ID: 264330105500 Status: Answered Chosen Option: 1 Section : Quantitative Aptitude Q.1 A car starts from point A towards point B, travelling at the speed of 20 km/h. $1\frac{1}{2}$ hours later, another car starts from point A and travelling at the speed of 30 km/h and reaches $2\frac{1}{2}$ hours before the first car. Find the distance between A and B. Ans X 1. 300 km 🥒 2. 240 km X 3. 260 km X 4. 280 km Question ID: 26433076046 Status : Answered Chosen Option: 2 Q.2 The difference between a discount of 25% and two successive discounts of 15% and 10% on a certain bill was ₹25. Find the amount of the bill. Ans **X** 1 ₹3,333.33 ×2. ₹2,500 ×3. ₹833.33 √ 4. ₹1,666.67 Question ID: 26433076182 Status: Answered Chosen Option: 4

Q.3 A trader has a weighing balance that shows 1300 g for a kg. He further marks up his cost price by 15%. The net profit percentage is:

Ans X 1. 48.5%

2. 49.5%

X 3. 50%

X 4. 45%

Question ID : 26433063474
Status : Answered

Chosen Option : 2

Q.4 The nearest number which is greater to 87501, and is completely divisible by 765 is :

Ans X 1. 88975

2. 87975

X 3. 87966

X 4. 87775

Question ID : 26433074220 Status : Answered Chosen Option : 2

Q.5

Simplify:
$$\frac{\cos A}{1+\tan A} - \frac{\sin A}{1+\cot A}$$

Ans X 1. tanA

✓ 2. cosA – sinA

X 3. cosA.sinA

X 4. cosA + sinA

Question ID : 26433066241 Status : Answered

Chosen Option : 2

Q.6 In triangle ABC, the bisector of angle BAC cuts the side BC at D. If AB = 10 cm, and AC = 14 cm, then what is BD : BC ?

Ans

X 1. 10 : 7

2. 5 : 7

X 3.7:5

X 4. 7 : 10

Question ID: 264330105830

Status : Answered

Q.7 The table given below shows the number of people in different states.

States	Number of people
A	174
В	200
C	144
D	195
E	280

What is the ratio of number of people in state C to the number of people in state E?

X 1. 31 : 17 Ans

X 2. 35 : 18

3. 18 : 35

X 4. 17 : 29

Question ID: 264330105743 Status : Answered Chosen Option: 3

Q.8 ₹5,000 is divided into two parts such that if one part is invested at 4% and the other at 5%, then the whole annual interest from both the sums is ₹223. How much was invested at 4%?

Ans

×1. ₹2,600

√ 2. ₹2,700

× 3. ₹2,400

× 4. ₹2,300

Question ID: 26433082615 Status : Answered

Chosen Option : 2

Q.9 The table given below shows the number of truck sold by six companies.

Companies	Truck
J	40
K	60
L	80
M	110
N	120
0	80

Number of trucks sold by L are what percent of number of trucks sold by J?

Ans X 1. 100 percent

X 2. 250 percent

X 4. 150 percent

Question ID: 264330105715 Status: Answered

Q.10 If the volume of a sphere is 24,416.64 cm 3 , find its surface area (take π =3.14) correct to two places of decimal.

Ans X 1. 3069.55 cm²

✓ 2. 4069.44 cm²

× 3. 5069.66 cm²

× 4. 6069.67 cm²

Question ID : 26433065017 Status : Not Answered

Chosen Option : --

Q.11

$$\frac{1}{1 + \cos(90^{\circ} - \theta)} + \frac{1}{1 - \cos(90^{\circ} - \theta)} = \underline{\hspace{1cm}}.$$

Ans

√ 1. 2sec²θ

X 2. 1

X 3. 0

× 4. 2tan²θ

Question ID : 26433058176

Status : Answered

Chosen Option : 1

Q.12 If $\left(4a + \frac{5}{a} + 5\right) = 14$, what is the value of $\left(16a^2 + \frac{25}{a^2}\right)$?

Ans 🗙 1. 25

X 2. 36

3. 41

X 4. 40

Question ID: 26433061944

Status : Answered

Q.13 Study the following table and answer the question that follows.

A school has four sections A, B, C and D of Class IX students.

The results of Science and Mathematics examinations are shown in the following table.

RESULT	No. of Students			
	Section A	Section B	Section C	Section D
Failed in both	24	25	18	20
Failed in Science but passed in Mathematics	14	12	10	15
Passed in Science but failed in Mathematics	7	6	8	10
Passed in both	63	60	56	55

What percentage of students of section C Passed in Science but failed in Mathematics?

Ans

- √ 1. 8.70%
- × 2. 9.20%
- × 3. 9.85%
- X 4. 10.30%

Question ID: 26433076240 Status: Answered

Chosen Option: 1

Q.14 Ruchi, Khushi and Teju can do a piece of work in 30, 40 and 60 days respectively. In how many days can Ruchi do the work, if she is assisted by both Khushi and Teju on every third day?

Ans

- \times 1. $\frac{550}{12}$ days
- \checkmark 2. $\frac{85}{4}$ days
- \times 3. $\frac{71}{2}$ days
- \times 4. $\frac{360}{17}$ days

Question ID: 26433080056 Status : Answered

Chosen Option: 2

Q.15 If the diameter of a sphere is 3.5 cm, then what is the total surface area of the sphere?

- **Ans** X 1. 45.75 cm²
 - \times 2. 42.6 cm²
 - √ 3. 38.5 cm²
 - X 4. 34.25 cm²

Question ID: 264330105845

Status: Answered

Q.16 Ram loses 12½% of his money and after spending 75% of the remainder, is left with ₹630. How much money did Ram have initially?

Ans X 1. ₹2,080

√ 2. ₹2,880

🗙 3. ₹2,205

X 4. ₹2,808

Question ID: 26433065057 Status: Answered Chosen Option: 2

If $x - \frac{1}{x} = 13$, what will be the value of $x^4 + \frac{1}{x^4}$?

Ans X 1. 28561

X 2. 29243

X 3. 27887

4. 29239

Question ID : 26433075304 Status : Answered Chosen Option : 4

Q.18 Study the given chart and answer the question that follows.

The chart shows the quantities of machines (M1, M2, M3) available in different stores (S1, S2, S3, S4).



Which stores have more number of M2 machines than the average number of M2 machines per store?

Ans X 1. S2 and S4

X 2. S1 and S3

X 3. S2 and S3

Question ID : 26433085474 Status : Answered

Q.19 If a : b = c : d, then which of the following ratio is equal to a : c?

Ans X 1. a : d

X 2. b : c

X 3. a + d : b + c

√ 4. a + b : c + d

Question ID: 26433066174 Status: Answered

Chosen Option: 4

Q.20 The factors of $x^4 + x^2 + 25$ are:

Ans
$$\times$$
 1. $(x^2 + 3x - 5)(x^2 - 3x + 5)$

$$\checkmark$$
 2. $(x^2 + 3x + 5)(x^2 - 3x + 5)$

$$\times$$
 3. $(x^2 - 3x + 5)(x^2 - 3x + 5)$

$$\times$$
 4. $(x^2 + 3x + 5) (x^2 + 3x + 5)$

Question ID: 26433076064

Status : Answered

Chosen Option: 2

Q.21 The area of a sector of a circle is 66cm² and the angle of the sector is 60°. Find the radius of the circle.

Ans
$$\times$$
 1. $5\sqrt{15}$ cm

$$\times$$
 2. $6\sqrt{14}$ cm

$$\times$$
 3. $7\sqrt{19}$ cm

$$\checkmark$$
 4. 3√14 cm

Question ID: 26433066334

Status: Answered

Chosen Option: 4

Calculate the HCF of
$$\frac{12}{5}$$
, $\frac{14}{15}$ and $\frac{16}{17}$.

$$\times$$
 1. $\frac{4}{255}$

$$\times$$
 2. $\frac{3}{255}$

$$\sqrt{3}$$
. $\frac{2}{255}$

$$\times$$
 4. $\frac{1}{25!}$

Question ID: 26433080077

Status: Answered

Q.23	If $(\cos q + \sin q) = 31/25$, then what will be the value of $\cos^2 q$?	
Ans	X 1. 522/625	
	× 2. 512/625	
	★ 3. 513/625	
	◆ 4. 527/625	
		Question ID : 264330105903
		Status : Answered
		Chosen Option : 4
Q.24	The average marks of 60 students in a class are 62. The average rigirls in that subject are 60 and 65, respectively. The number of bo	narks of boys and ys in the class is:
Ans	✓ 1. 36	
	X 2. 25	
	X 3.41	
	X 4. 31	
		Question ID : 26433075381
		Status : Answered Chosen Option : 1
		GHOSEH GRASH . 1
Q.25	Select the correct option with respect to the given statement.	
Ans	Two tangents are drawn at the end of the diameter of a circle. 1. They intersect each other.	
71110	× 2. They pass through origin.	
	✓ 3. They are parallel to each other.	
	4. They are perpendicular to each other.	
	4. They are perpendicular to each other.	
		Question ID : 26433082921
		Status : Answered
		Chosen Option : 4
Section	n : English Comprehension	
	Fill in the blank with the correct collocation.	
Q. I		
Ans	Motorists committing this infraction are fined. X 1. wholly	
Alis	× 2. hardly	
	X 3. slowly	
	✓ 4. heavily	
		Question ID : 26433090501
		Status : Answered
		Chosen Option : 4
Q.2	Select the most appropriate meaning of the given idiom. Fair and square	
Ans	✓ 1. Honestly	
	X 2. Fair-skinned	
	X 3. Being vague	
	★ 4. Good looking	
		Question ID : 26433070801 Status : Answered
		Chosen Option : 1

Q.3	Select the most appropriate option to substitute the underlined segresentence.	nent in the given
	I used to swim across the river when I was young.	
Ans	★ 1. will swim across	
	★ 2. was swimming across	
	X 4. can swim across	
		Question ID : 26433073839
		Status : Answered Chosen Option : 3
Q.4	Select the option that contains a grammatical error in the underlined	portion.
	I have never played any game of side this track during the season.	
Ans	$m{\chi}$ 1. I have never played any game off side this track during the seaso	<u>n</u> .
	2. I have never played any game of side this track during the seaso	n.
	★ 3. I have never played any game off side this track during the seaso	n.
	X 4. I have never played any game off side this track during the seaso	n.
		Question ID : 26433088586
		Status : Answered Chosen Option : 2
Q.5	Select the most appropriate option to fill in the blank.	
	We decided to as we were missing him a lot.	
Ans	★ 1. give a visit	
	X 2. take a visit	
	★ 3. bring in a visit	
	✓ 4. pay him a visit	
		Question ID : 26433091844 Status : Answered
		Chosen Option: 4
Q.6	Select the correct indirect form of the given sentence. Latika said to him, "I got a hefty discount on this television."	
Ans	X 1. Latika told him that she has got a hefty discount on that television	
	2. Latika told him that she is getting a hefty discount on that televisic	
	3. Latika told him that she had got a hefty discount on that television	
	X 4. Latika told him that she has got a hefty discount on this television	
	4. Eduka tola filmi tilat olio hao got a horty diocoant on tillo toloviolon	
		Question ID : 264330104602
		Status : Answered
		Chosen Option : 3

Q.7	Select the option that can be used as a one-word substitute for the $\boldsymbol{\varrho}$ words.	given group of
	One who mediates in a deal or complex situation	
Ans	★ 1. Equaliser	
	X 2. Solicitor	
	X 3. Pacifier	
	✓ 4. Negotiator	
		Question ID : 26433072312 Status : Answered
		Chosen Option : 4
Q.8	Select the most appropriate ANTONYM of the given word.	
	Ambition	
Ans	X 1. Intent	
	× 2. Anxiety	
	✗ 3. Object	
	✓ 4. Laziness	
		Overstier ID - 0040000004
		Question ID : 26433060694 Status : Answered
		Chosen Option : 4
Ans	Reeta was motionless after knowing that her brother had become mafter seeing the fatal accident on Tuesday night. 1. Motionless 2. Fatal 3. Unstable 4. Accident	Question ID : 26433072267 Status : Answered Chosen Option : 1
Q.10	Select the most appropriate option that can substitute the underline given sentence.	d segment in the
Ans	Last before year, Shirley got very good grades. X 1. The last year before	
	★ 2. Before last year	
	★ 4. Before year last	
		Question ID : 26433088745
		Status : Answered Chosen Option : 2
		· ·

Q.11		
	Select the correct passive form of the given sentence. The new owners hired a lot of new servers.	
Ans	1. A lot of new servers were hired by the new owners.	
	X 2. A lot of new servers are being hired by the new owners.	
	★ 3. A lot of new servers are hired by the new owners.	
	★ 4. A lot of new servers had been hired by the new owners.	
		Question ID : 264330104559
		Status : Answered
		Chosen Option : 1
Q.12	Select the sentences that contains no spelling errors.	
Ans	★ 1. I heard raucouos laughter from the next room.	
	★ 2. I heard raocous laughter from the next room.	
	★ 3. I heard raucus laughter from the next room.	
	4. I heard raucous laughter from the next room.	
		Question ID : 26433070692
		Status : Answered
		Chosen Option : 4
Q.13	Select the most appropriate synonym of the bracketed word to fill i	n the blank.
	There is a huge generation (void) between Arun and his	
Ans	X 1. traditions	- 3
	✓ 2. gap	
	¥ 2. gap	
	★ 3. memory	
	★ 3. memory	
	★ 3. memory	Question ID : 26433060686
	★ 3. memory	Status : Answered
	★ 3. memory	
Q.14	★ 3. memory	Status : Answered Chosen Option : 2
	 ✗ 3. memory ✗ 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored.	Status : Answered Chosen Option : 2
Q.14 Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights 	Status : Answered Chosen Option : 2
	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits 	Status : Answered Chosen Option : 2
	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards 	Status : Answered Chosen Option : 2
	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits 	Status : Answered Chosen Option : 2
	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards 	Status : Answered Chosen Option : 2
	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards 	Status : Answered Chosen Option : 2 given sentence.
	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards 	Status : Answered Chosen Option : 2 given sentence. Question ID : 26433071961
Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underline	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3
Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underlingiven sentence.	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3
Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underline	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3
Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underlingiven sentence. I am been working here for the past ten years. 	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3
Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the The perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underlingiven sentence. I am been working here for the past ten years. ✓ 1. have been working here 	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3
Ans	 X 3. memory X 4. experience Select the most appropriate synonym of the underlined word in the perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underlingiven sentence. I am been working here for the past ten years. ✓ 1. have been working here X 2. is been working here X 2. is been working here	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3
Ans	 X 3. memory X 4. experience X 4. experience Select the most appropriate synonym of the underlined word in the perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underlingiven sentence. I am been working here for the past ten years. ✓ 1. have been working here X 2. is been working here X 3. was been working here X 3. was been working here 	Status: Answered Chosen Option: 2 Question ID: 26433071961 Status: Answered Chosen Option: 3 ed segment in the
Ans	 X 3. memory X 4. experience X 4. experience Select the most appropriate synonym of the underlined word in the perils of smoking tobacco can never be ignored. X 1. Delights X 2. Benefits ✓ 3. Hazards X 4. Humiliations Select the most appropriate option that can substitute the underlingiven sentence. I am been working here for the past ten years. ✓ 1. have been working here X 2. is been working here X 3. was been working here X 3. was been working here 	Status : Answered Chosen Option : 2 Question ID : 26433071961 Status : Answered Chosen Option : 3

Q.16 Select the most appropriate option to fill in the blank. Seeing my messy room, my mother taught me to keep everything in order. Now my room is X 1. on demand Ans X 2. of no avail 3. spick and span X 4. high and dry Question ID: 26433070547 Status: Answered Chosen Option: 3 Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. There is a whole world / out there that / is invisible from / the naked eye. Ans X 1. the naked eye 2. is invisible from X 3. There is a whole world X 4. out there that Question ID: 26433088944 Status : Not Attempted and Marked For Review Chosen Option: --Q.18 Select the option that expresses the given sentence in passive voice. Had they not cleared the exam? Ans X 1. Is the exam not been cleared by them? 2. Have the exam not been cleared by them? X 3. Was the exam not been cleared by them? 4. Had the exam not been cleared by them? Question ID: 26433073245 Status : **Answered** Chosen Option: 4 Q.19 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. In Tokyo, they built an expressway linking the international airport in Haneda to the centre, and widened some of the city's major arteries. Q. These infrastructure improvements helped to bring about the Japanese economic miracle over the next couple of decades. R. Tokyo 2020 was supposed to be a great economic stimulus, replicating the achievements of Tokyo 1964. S. It was thanks to hosting that Olympics that Japan invested in infrastructure such as the famous Shinkansen bullet train . ✓ 1. RSPQ Ans 🗶 2. QPRS X 3. SRQP 🗶 4. PQRS Question ID: 264330104738 Status: Answered Chosen Option: 1

Q.20	0.20 In the given sentence the underlined word may have been incorrectly spelt. Identify the option that rectifies the spelling. If there is no error in spelling, select 'No error'.		
Ans	Getting a compliment from her husband was a rare occurrance in Rashmila's life. 1. occurrence 2. occurrance		
	X 3. No error		
	X 4. ocurrancce		
		Question ID : 26433058639	
		Status : Answered	
		Chosen Option : 1	
	Comprehension:		
	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	
	Academic life has (1) demanding for students as a result of different internal and external expectations. Teenagers are especially (2) to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future. SubQuestion No : 21		
Q.21	Select the most appropriate option to fill in blank number 1.		
Ans	X 1. becomes		
	X 2. became		
	X 4. becoming		
		Question ID : 26433084799	
		Status : Answered	
		Chosen Option : 3	
	Comprehension:		
	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	
Academic life has (1) demanding for students as a result of different internal and external expectations. Teenagers are especially (2) to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future.			
	SubQuestion No : 22		
	Select the most appropriate option to fill in blank number 2.		
Ans	X 1. scared		
	2. prone		
	X 3. liable		
	X 4. resistance		
		Question ID : 26433084800	
		Status : Answered	
		Chosen Option : 2	

	Comprehension:		
	In the following passage, some words have been deleted. Read the particle select the most appropriate option to fill in each blank.	e passage carefully and	
	Academic life has (1) demanding for students as a result of different internal and external expectations. Teenagers are especially (2) to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future.		
	SubQuestion No : 23		
Q.23	3 Select the most appropriate option to fill in blank number 3.		
Ans	s X 1. collateral		
	✓ 2. intervention		
	★ 3. convention		
	X 4. physical		
		Question ID : 26433084801	
		Status : Answered	
		Chosen Option : 1	
	Comprehension:		
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	e passage carefully and	
	Academic life has (1) demanding for students as a result external expectations. Teenagers are especially (2) to act they go through so many personal and social changes. As a result, defficient (3) solutions requires a thorough understanding consequences of academic stress. Exams are one of the (4) life. Exams are stressful for everyone, whether they are students or a wants to perform well and no one wants to fail as to avoid (5)	academic stress because , designing effective and g of the causes and aspects of anyone's r adults because everyone	
	SubQuestion No : 24		
Q.24	4 Select the most appropriate option to fill in blank number 4.		
Ans	s X 1. more important		
	X 2. most eager		
	X 4. more urgent		
		Ougation ID : 00400004000	
		Question ID : 26433084802 Status : Answered	
		Chosen Ontion: 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.		
Academic life has (1) demanding for students as a result of different internal and external expectations. Teenagers are especially (2) to academic stress because they go through so many personal and social changes. As a result, designing effective and efficient (3) solutions requires a thorough understanding of the causes and consequences of academic stress. Exams are one of the (4) aspects of anyone's life. Exams are stressful for everyone, whether they are students or adults because everyone wants to perform well and no one wants to fail as to avoid (5) in future. SubQuestion No: 25			
Q.25	Select the most appropriate option to fill in blank number 5.		
Ans	✓ 1. ambiguity		
	★ 2. sneak		
	★ 3. wanderlust		
	★ 4. purpose		

Question ID : 26433084803 Status : **Answered**