Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Bopal
Exam Date	03/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : General Intelligence and Reasoning

Q.1 What should come in place of the question mark (?) to complete the following letter cluster series? FHG, IKJ, LNM, ?

Ans X 1. QOP

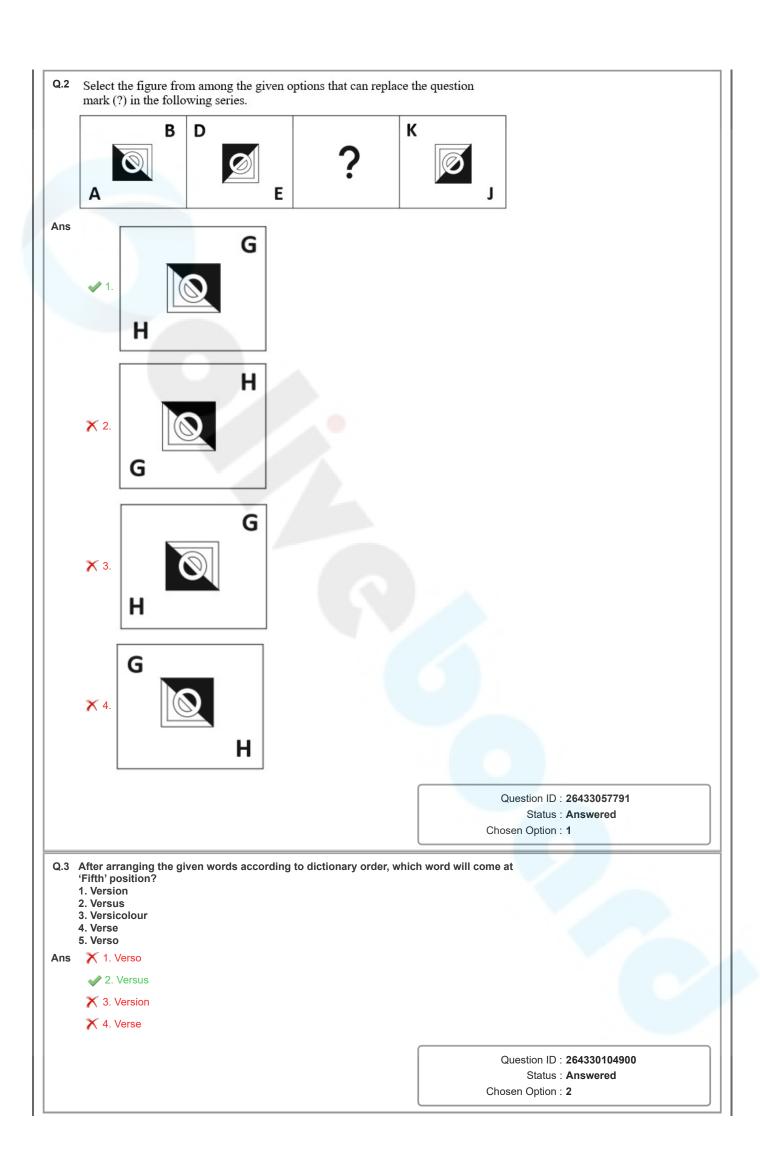
X 2. OPQ

√ 3. OQP

X 4. PRQ

Question ID : 26433066002

Status : Answered



Q.4 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 23 * 2 * 2 * 5 * 18

Ans

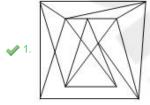
Question ID : 26433068563 Status : Answered

Chosen Option : 1

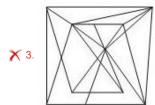
Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).

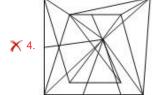


Ans









Question ID: 26433068300 Status: Answered

Q.6 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.

EACH: AEHC:: GAME: AGEM:: IDOL:?

Ans X 1. OLDI

2. DILO

X 3. IDLO

X 4. DIOL

Question ID : 26433068507 Status : Answered

Chosen Option: 2

Q.7 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?

Ans X 1. ANHS

X 2. JEQJ

X 4. PYWD

Question ID : 26433081503 Status : Answered

Chosen Option: 3

Q.8 By interchanging the given two signs and numbers which of the following equation will be correct?

× and +, 6 and 4

Ans \times 1. 3 × 9 – 4 ÷ 2 + 6 = 8

 \times 2. 8 × 6 + 4 ÷ 2 – 5 = –5 \times 3. 8 – 3 × 6 + 4 ÷ 1 = 18

 \checkmark 4. 7 × 6 – 4 + 9 ÷ 3 = –7

Question ID : 264330105138 Status : Answered

Chosen Option: 4

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the given set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the 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.) (26, 120, 34)

(14, 110, 41)

X 2. (72, 240, 16)

X 3. (44, 114, 24)

X 4. (15, 450, 8)

Question ID : 26433068385 Status : Answered

Q.10 In a certain code language, 'LAPTOP' is written as 'JYNRMN' and 'COLD' is written as 'AMJB', how will 'SKETCHPEN' be written in that language?

Ans X 1. RJDSBHODM

X 2. QICRBHODM

X 4. RJDSAFNCL

Question ID : 26433067768
Status : Answered
Chosen Option : 3

Q.11 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 pencil are pen.

II. Some pen are rubber.

Conclusion:

I. All rubber are pencil.

II. Some pen are not pencil.

III. Some rubber are not pen.

Ans

✓ 1. Neither conclusion follows

X 2. Only conclusion II follows

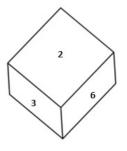
X 3. Both conclusions I and III follows

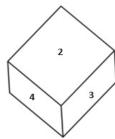
X 4. All conclusion follows

Question ID : 264330104933 Status : Answered

Chosen Option : 1

Q.12 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.





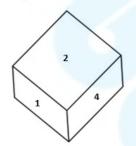


Figure 1

Figure 2

Figure 3

Ans 💢 1.

X 2. 2

3. 1

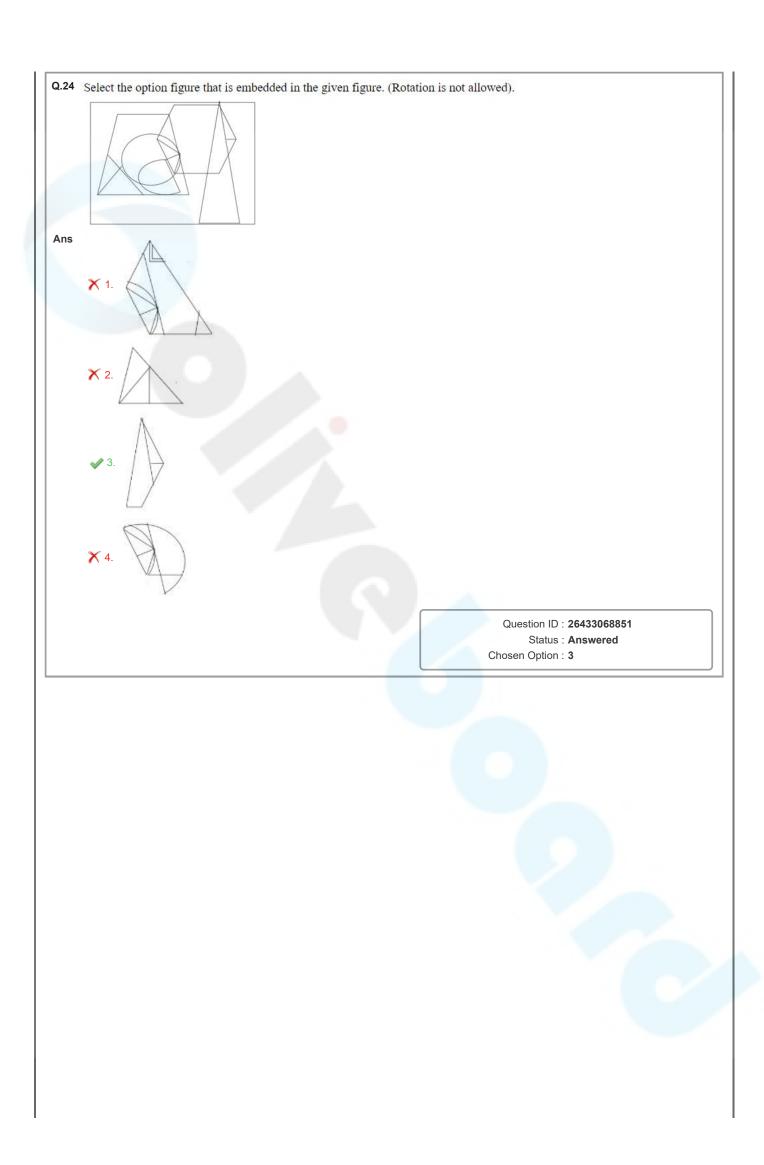
X 4. 6

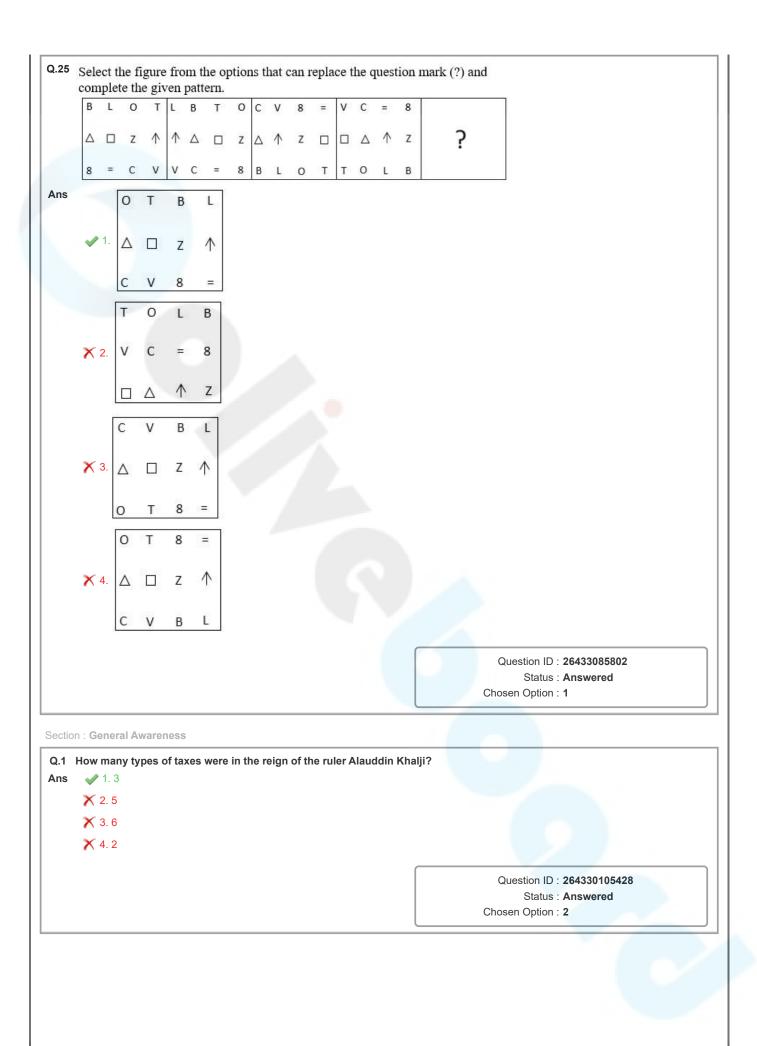
Question ID : 26433079373 Status : Answered

Q.13 Which number will replace the question mark (?) in the following series? 26, 54, 110, 222, ?, 894 **1.** 446 Ans **X** 2. 442 **X** 3. 440 **X** 4. 444 Question ID: 26433067592 Status : **Answered** Chosen Option : 1 Q.14 If X - Y means that X is the mother of Y, $X \times Y$ means that X is the father of Y, $X \div Y$ means that X is the sister of Y, then which of the following expression shows that Q is the son of P? X 1. P − Q ÷ R √ 2. P – Q × R **X** 3. Q − P × R **X** 4. R × Q − P Question ID: 264330104973 Status : Answered Chosen Option: 2 Q.15 A # B means 'A is the brother of B' A @ B means 'A is the daughter of B' A & B means 'A is the husband of B' A % B means 'A is the wife of B' If G % M # L @ P & C @ B, then how is L related to B? Ans 💢 1. Daughter 2. Granddaughter X 3. Sister X 4. Daughter-in-law Question ID: 26433065958 Status : Answered Chosen Option : 2 Q.16 In a certain code language, 'INNER' is written as 'SNNWJ' and 'GLASS' is written as 'UPAII'. How will 'MODEL' be written in that language? X 1. OMXVP 2. OMXWP X 3. OMWWP 🗙 4. OMXWO Question ID: 26433067327 Status: Not Answered Chosen Option : --

Q.17 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. 30:48::60:?::45:72 **1**. 96 **X** 2. 92 **X** 3. 90 **X** 4. 88 Question ID: 26433067899 Status: Marked For Review Chosen Option: 1 Q.18 उस शब्द-युग्म का चयन कीजिए, जो ठीक उसी संबंध का निरूपण करता हो, जो संबंध दिए गए इस शब्द-युग्म में अभिव्यक्त है। (शब्दों को अर्थपूर्ण शब्दों के रूप में माना जाना चाहिए और उन्हें शब्द के अक्षरों की संख्या/व्यंजनों की संख्या/स्वरों की संख्या के आधार पर परस्पर संबंधित नहीं होना चाहिए) अधिग्रहित : प्राप्त 🗶 १. कड्वा : मीठा Ans 🗶 २. एकत्रित : वितरित 🗙 ३. आगमन : प्रस्थान 🥓 ४. लघु : छोटा Question ID: 26433068418 Status : Answered Chosen Option: 4 Q.19 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. 13 – 159 Ans **X** 2. 9 – 71 **√** 3. 5 – 31 X 4. 17 - 279 Question ID: 264330105087 Status: Answered Chosen Option: 3 Q.20 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) (8, 12, 6) (9, 18, 8) Ans **X** 1. (4, 12, 6) **2**. (12, 24, 8) **X** 3. (7, 24, 4) **X** 4. (9, 10, 11) Question ID: 26433079119 Status: Answered Chosen Option: 2

Q.21 Which of the following interchange of numbers and mathematical signs would make the given equation correct? $72 \div 8 \times 9 - 36 + 20 = 80$ X 1. 20 and 80, × and + Ans X 2. 9 and 36, × and ÷ X 3. 36 and 72, ÷ and -4. 8 and 9, + and -Question ID: 26433087056 Status: Answered Chosen Option : 4 Q.22 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. TQT, ZSB, FUJ, LWR, ? Ans √ 1. RYZ X 2. RMZ X 3. RYA X 4. RNZ Question ID: 264330104803 Status : Answered Chosen Option: 1 Q.23 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: No student is a teacher. All students are children. Some girls are students. Conclusions: I. Some children are not teachers. II. Some girls are not teachers. III. No girl is a teacher. ✓ 1. Only conclusions I and II follow X 2. All conclusions follow X 3. Only conclusions II and III follow 4. Only conclusions I and III follow Question ID: 26433068829 Status: Answered Chosen Option: 1





Q.2	The bare ground between plants is covered with a layer of organic retain soil moisture. This method is called	matter in order to			
Ans	 ✓ 1. Mulching X 2. Rock dam X 3. Shelter belts X 4. Contour barriers 				
			: Not Answered		
		Chosen Option	:		
Q.3	In which of the following years was the Fit India Movement launche Youth Affairs and Sports, Gol?	d by Ministry of			
Ans	X 1. 2018				
	★ 2. 2001				
	★ 3. 2020				
	✓ 4. 2019				
			26433059382		
		Status Chosen Option	Answered		
		Onoscii Option			
	X 2. Xylem				
	X 2. Xylem✓ 3. ScherenchymaX 4. Parenchyma				
			264330105455 Not Answered		
Q.5	✓ 3. Scherenchyma✓ 4. ParenchymaWhich of the following options is NOT correct about plant cells?	Status	Not Answered		
	 ✓ 3. Scherenchyma ✓ 4. Parenchyma Which of the following options is NOT correct about plant cells? ✓ 1. Cell wall of a plant cell is made up of cellulose. 	Status	Not Answered		
	 ✓ 3. Scherenchyma ✓ 4. Parenchyma Which of the following options is NOT correct about plant cells? ✓ 1. Cell wall of a plant cell is made up of cellulose. ✓ 2. The plant cells cannot divide by mitosis. 	Status	Not Answered		
	 ✓ 3. Scherenchyma X 4. Parenchyma Which of the following options is NOT correct about plant cells? X 1. Cell wall of a plant cell is made up of cellulose. ✓ 2. The plant cells cannot divide by mitosis. X 3. A plant cell usually contains a large vacuole. 	Status	Not Answered		
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Q.5 Ans	 ✓ 3. Scherenchyma X 4. Parenchyma Which of the following options is NOT correct about plant cells? X 1. Cell wall of a plant cell is made up of cellulose. ✓ 2. The plant cells cannot divide by mitosis. X 3. A plant cell usually contains a large vacuole. 	Status Chosen Option	Not Answered		
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Ans	 ✓ 3. Scherenchyma X 4. Parenchyma Which of the following options is NOT correct about plant cells? X 1. Cell wall of a plant cell is made up of cellulose. ✓ 2. The plant cells cannot divide by mitosis. X 3. A plant cell usually contains a large vacuole. X 4. Generally, all plant cells contain chloroplast. The Government of India started DACE scheme in April 2022. This started back and the properties of the plant cells are the plant cells.	Question ID Status Chosen Option	: Not Answered : : 26433071442 : Not Answered		
Q.6	 ✓ 3. Scherenchyma X 4. Parenchyma Which of the following options is NOT correct about plant cells? X 1. Cell wall of a plant cell is made up of cellulose. ✓ 2. The plant cells cannot divide by mitosis. X 3. A plant cell usually contains a large vacuole. X 4. Generally, all plant cells contain chloroplast. 	Question ID Status Chosen Option	: Not Answered : : 26433071442 : Not Answered		
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	Whose birthday is celebrated as International Day of Non-Vic	plence?			
Ans	★ 1. Rajendra Prasad				
	X 2. Subhash Chandra Bose				
	X 3. Jawaharlal Nehru				
	✓ 4. Mahatma Gandhi				
		Question ID : 26433074083			
		Status : Answered			
		Chosen Option : 4			
Q.8	निम्नलिखित में से किस भारतीय स्वतंत्रता सेनानी ने कहा था कि "खुद वो में देखना चाहते हैं"?	बदलाव बनिए जो आप दुनिया			
Ans	🗙 1. बिपिन चंद्र पाल				
	🗙 २. मोहम्मद अली जिन्ना				
	🗙 ३. सुरेंद्रनाथ बनर्जी				
	✓ 4. महात्मा गांधी				
	4. गुरावा भाषा				
		Question ID : 26433085295			
		Status : Answered			
		Chosen Option : 3			
Q.9	In which year was Kalidas Samman established?				
Ans	X 1. 1978				
	X 2. 1975				
	X 3. 1984				
	✓ 4. 1980				
		Question ID : 26433082151			
		Status : Answered			
		Chosen Option : 3			
Q.10	Who among the following has won Oscars as well as a Golde contribution to international music?	en Globe award for his			
Ans	★ 1. Pt. Jasraj				
	✓ 2. A.R.Rahman				
	X 3. Ravi Shankar				
	X 4. Zakir Hussain				
		Question ID : 26433064784			
		Status : Answered			
		Chosen Option : 2			
	Asia is separated from Europe by mountains.				
Ans	X 1. Himalayan				
	× 2. Andes Mountains				
	X 3. Alps				
	✓ 4. Ural				
	4. Ordi				
		Question ID : 264330105619			
		Status : Answered Chosen Option : 4			

Q.12 Ans	Which of the following states have the highest literacy rate, accord 1. Lakshadweep	ding to census 2011?
	X 2. Goa	
	X 3. Mizoram	
	✓ 4. Kerala	
	·	
		Question ID : 264330105512
		Status : Answered
		Chosen Option : 4
.13	The system based on individual leadership is a system	n.
ns	X 1. semi-parliamentary	
	X 2. parliamentary	
	X 4. semi-presidential	
		Question ID : 26433064837 Status : Answered
		Chosen Option: 3
		·
).14	Which of the following rivers is NOT included in the 'Panchnad'?	
Ans	★ 1. The Beas	
	★ 2. The Sutlej	
	X 4. The Ravi	
		Question ID : 26433066513 Status : Not Answered
		Chosen Option :
Q.15	The final of the French Open (Roland Garros) Tennis 2021 for men day?	took place on which
Ans	✓ 1. 13 June	
	★ 2. 30 July	
	★ 3. 13 July	
	X 4. 5 June	
		Question ID : 26433070837
		Status : Not Answered
		Chosen Option :
2.16	Union Minister of Petroleum & Natural Gas Hardeep Singh Puri inal largest Compressed Bio Gas (CBG) plant in	augurated Asia's
Ans	X 1. Gujarat	
	X 2. Rajasthan	
	✓ 3. Punjab	
	X 4. Maharashtra	
		Question ID : 264330105253
		Question ID : 264330105253 Status : Answered Chosen Option : 2

Q.17 Identify the correct statement with respect to unsaturated hydrocarbons.

Ans X 1. Compounds of carbon having a single bond between their carbon atoms are called unsaturated compounds.

2. Compounds of carbon having double bonds or triple bonds between their carbon atoms are called unsaturated compounds.

X 3. Compounds of carbon having single bonds between their oxygen atoms are called unsaturated compounds.

★ 4. Compounds of carbon having double or triple bonds between their hydrogen atoms are called unsaturated compounds.

Question ID : 26433086741 Status : Answered Chosen Option : 1

Q.18 Some important administrative posts were hereditary during the Rashtrakuta and Chola dynasties. The post 'nagara-shreshthi' meant?

Ans X 1. Leader of the merchant caravans

2. Merchant of the city

X 3. Important minister

X 4. Chief judicial officer

Question ID : 264330105199
Status : Answered
Chosen Option : 2

Q.19 Which of the following is added in the national income to obtain personal income of the households?

Ans X 1. Net interest payments

2. Transfer payments from government and firms

X 3. Undistributed profits

X 4. Corporate tax

Question ID : 264330105363 Status : Not Answered

Chosen Option : --

Q.20 Who conducted X-ray spectroscopic study of a large number of elements and showed that the frequency of X-rays emitted by an element is related to the atomic number, Z, rather than the atomic mass?

Ans X 1. Lothar Meyer

X 2. Dmitri Mendeleev

3. Henry Moseley

X 4. Johann Dobereiner

Question ID : 26433064082
Status : Answered
Chosen Option : 3

Q.21 Which Five-Year Plan in India was mainly focussed on Garibi Hatao, creation of employment opportunities and agricultural production amongst other objectives?

Ans 🧹

1. Fifth2. Fourth

X 3. Third

X 4. Second

Question ID : 26433064511 Status : Answered

Q.22 लोकतंत्र के दो सबसे आवश्यक अधिकार कौन-से हैं? Ans \chi 1. शोषण, निवारक निरोध 🖋 २. समानता, स्वतंत्रता 🗙 ३. स्वतंत्रता, निवारक निरोध 🗶 ४. समानता, शोषण Question ID: 26433064827 Status: Answered Chosen Option: 2 Q.23 In March 2022, the "Stree Manoraksha project" was launched by which of the following **Union Minister?** Ans X 1. Union Minister for Education ✓ 2. Union Minister for Women and Child Development X 3. Union Minister for Law and Justice X 4. Union Minister for Health and Family Welfare Question ID: 264330105308 Status: Not Answered Chosen Option: --Q.24 Jata-Jatin is the folk dance of which Indian state? Ans X 1. Manipur 🔀 2. Odisha X 4. West Bengal Question ID: 26433054319 Status: Answered Chosen Option: 1 Q.25 Mughal ruler, Aurangzeb died in which year? Ans X 1. 1703 **X** 2. 1705 **3**. 1707 **X** 4. 1701 Question ID: 264330105545 Status: Answered Chosen Option: 3 Section: Quantitative Aptitude Q.1 In an equilateral triangle ABC, D is the midpoint of side BC. If the length of BC is 8 cm, then the height of the triangle is: X 1. 5.5 cm × 2. 4.5 cm \times 3. $6\sqrt{3}$ cm \checkmark 4. $4\sqrt{3}$ cm Question ID: 26433079978 Status : Answered

Q.2 A thief steals a bike at 12:30p.m. and drives it at 48km/h. But the theft is discovered after half an hour. The bike owner starts to chase him on another bike at 58km/h. The thief will be caught at _

- X 1. 3:40p.m.
- X 2. 3:54p.m.
- X 3. 3:10p.m.
- 4. 3:24p.m.

Question ID: 26433091936 Status : Answered

Chosen Option: 4

Q.3 If \triangle ABC~ \triangle FDE such that AB = 9 cm, AC = 11 cm, DF = 16 cm and DE = 12 cm, then the length of BC is:

- \times 1. $5\frac{3}{4}$ cm
- \times 2. $4\frac{3}{5}$ cm
- \times 3. $3\frac{5}{7}$ cm
- $4.6\frac{3}{4}$ cm

Question ID: 26433080231

Status : Answered

Chosen Option : 4

Q.4 The radii of two cylinders are in the ratio 1 : 4 and their heights are in the ratio 4 : 3. Their volumes will be in the ratio _

- **1**.1:12
- **X** 2. 2 : 9
- **X** 3. 3 : 10
- **X** 4. 1 : 9

Question ID: 26433063975

Status : Answered

Chosen Option: 1

If $x + \frac{1}{x} = 2 \cos \theta$, then $x^3 + \frac{1}{x^3} = ?$

- × 2. cos 3θ
- **√** 3. 2 cos 3θ
- × 4. cos 2θ

Question ID: 26433058938

Status: Answered

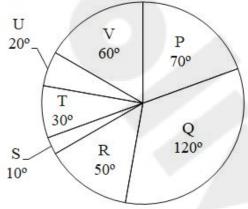
Q.6 A and B can do a certain work in 6 hours, and A, B and C together take 4 hours to do the same. How long will it take for C alone to accomplish the task?

Ans

- √ 1. 12 hours
- X 2. 4 hours
- X 3. 2 hours
- X 4. 6 hours

Question ID: 26433076015 Status : Answered Chosen Option : 1

Q.7 The pie chart given below shows the expenditure incurred by a person on 7 articles. The total expenditure of all these 7 articles are 3600. Expenditure incurred on a particular article is shown in terms of degree with respect to the total expenditure incurred in all these 7 articles.



What is the average expenditure incurred on article P and Q?

- Ans X 1. 875
 - **X** 2. 905
 - **X** 3. 885
 - **4**. 950

Question ID: 264330105765 Status : Answered

Chosen Option : 4

 $\sin^4\!\theta + \cos^4\!\theta$ in terms of $\sin\!\theta$ can be written as:

- \times 1. $2\sin^4\theta + 2\sin^2\theta 1$
- $\times 2 \cdot 2\sin^4\theta 2\sin^2\theta$
- \times 3. $2\sin^4\theta 2\sin^2\theta 1$
- \checkmark 4. 2sin⁴θ − 2sin²θ + 1

Question ID: 26433075285 Status: Answered

Q.9 Three circles of radius 6 cm are kept touching each other. The string is tightly tied around these three circles. What is the length of the string?

Ans 1. 36 + 12p cm

X 2. 36 + 18p cm

X 3. 24 + 36p cm

X 4. 36 + 20p cm

Question ID : 264330105863 Status : Answered

Chosen Option : 1

Q.10

If $x = 3 + 2\sqrt{2}$, x > 0, then the value of $\sqrt{x} - \frac{1}{\sqrt{x}}$ is:

Ans

X 1. 1

× 2. √2

√3. 2

 \times 4. $2\sqrt{2}$

Question ID : 26433075843

Status : Answered

Chosen Option: 3

 $\begin{tabular}{ll} \bf Q.11 & Study the given graph and table and answer the following question. \end{table}$

Data of different states regarding population of states in the year 1998



Total population of the given states = 32760000

States	Sex and literacy wise Population Ratio				
	Sex		Literacy		
	M	F	Literate	Illiterate	
Arunachal Pradesh	5	3	2	7	
Madhya Pradesh	3	1	1	4	
Delhi	2	3	2	1	
Goa	3	5	3	2	
Bihar	3	4	4	1	
Uttar Pradesh	3	2	7	2	
Tamil Nadu	3	4	9	4	

If in the year 1998, there was an increase of 20% in the population of Goa and 10% in the population of Arunachal Pradesh compared to the previous year, then what was the ratio of populations of Goa and Arunachal Pradesh in 1997?

Ans

X 1. 7:11

2. 11:25

X 3. 4:5

× 4. 25:11

Question ID : 26433086280

Status: Not Answered

Q.12 Suman paid ₹9,600 in interest on a loan she obtained 5 years ago with a simple interest rate of 16%. What was the amount of the loan she had taken?

Ans

X 1. ₹13,250

×2. ₹12,500

√ 3. ₹12,000

× 4. ₹11,750

Question ID: 26433076329
Status: Answered
Chosen Option: 3

Q.13 $tan(\theta - 14\pi)$ is equal to:

Δns

1. tanθ

× 2. −cotθ

× 3. cotθ

 \times 4 —tan θ

Question ID : 26433057163 Status : Answered Chosen Option : 1

Q.14 What will be the remainder when 7⁴² is divided by 48?

Ans

X 1. 2

X 2. 3

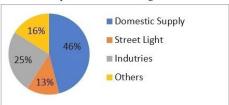
3. 1

X 4. 0

Question ID: 26433074449
Status: Answered
Chosen Option: 3

Q.15 The following pie chart is represents the units of electricity sold to various categories in a month by an Electricity Supplier.

Electricity sold to various categories of a town



The central angle of the sector corresponding to supply for Industries is:

Ans

X 1. 48°

X 2. 25°

X 3. 46°

√ 4. 90°

Question ID : 26433090270 Status : Answered

Q.16 Number p is 15% more than 150. If k is 15% less than p, then k is equal to: Ans X 1. 136.324 **X** 2. 166.625 **X** 3. 116.328 **4**. 146.625 Question ID: 26433074981 Status: Answered Chosen Option: 4 Q.17 What is the HCF of 36 and 198? Ans X 1. 36 X 2. 22 **3**. 18 **X** 4. 9 Question ID: 26433075042 Status: Answered Chosen Option: 3 Q.18 The cost of a piece of diamond varies with the square of its weight. A diamond of Rs.6,084 value is cut into 3 pieces whose weights are in the ratio 3:2:1. Find the loss involved in the cutting. **Ans** X 1. Rs.3,768 ✓ 2. Rs.3,718 X 3. Rs.3,168 X 4. Rs.3,518 Question ID: 26433063473 Status: Marked For Review Chosen Option : 4 Q.19 The marked price of an article is ₹10,927. Due festive season, a certain percentage of discount is declared. Raju buys an article at reduced price and sells it at ₹109,27, and makes a profit of 11.5%. What was the percentage discount offered? Ans √ 1. 10.3% × 2. 11.3% × 3. 11.5% × 4. 10.9% Question ID: 26433076178 Status: Answered Chosen Option: 4

If
$$x + \frac{1}{x} = -2$$
, then what is the value

Q.20 If
$$x+\frac{1}{x}=-2\,$$
 , then what is the value of $x^{17}+x^{-17}+x^{12}+x^{-12}\,$? (x < 0)

- - **X** 2. −1
 - **X** 3. 1

Question ID: 264330105921

Status : Answered

Chosen Option : 4

Find the mean proportion between $(6 + \sqrt{8})$ and $(3 - \sqrt{2})$.

- Ans \times 1. $2\sqrt{12}$
 - **√** 2. √14
 - \times 3. $\left(6-\sqrt{8}\right)$
 - \times 4. $\sqrt{15}$ 7

Question ID: 26433064983

Status : Answered

Chosen Option : 2

Q.22 If
$$x-y=1$$
 and $x^2+y^2=41$ where $x,y\geq 0$, then the value of $x+y$ will be:

- **Ans** 🚀 1. 9
 - **X** 2.8
 - **X** 3. 6
 - **X** 4. 7

Question ID: 26433074495

Status: Answered

Chosen Option: 1

- Q.23 $\Delta XYZ \sim \Delta GST$ and XY: GS=2:3, XV is the median to the side YZ, and GD is the median to the side ST. The value of $(\frac{YV}{SD})^2$ is _____.

Question ID: 26433091946

Status: Answered

Q.24 Vikas covered a certain distance by bike. If he covers 40% of the distance at 40 km/h, 50% of the distance at 25 km/h and the remaining 10% distance at 10 km/h. Find his average speed over the whole distance.

√ 1. 25 km/h Ans

X 2. 28 km/h

X 3. 26 km/h

X 4. 30 km/h

Question ID: 26433074953 Status: Answered Chosen Option : 1

Q.25 The table given below shows the production of refrigerator by 6 companies.

Companies	Production
E	300
F	270
G	260
Н	240
I	220
J	250

What is the ratio of production of refrigerator by company G to the production of refrigerator by company I?

Ans **X** 1. 12 : 13

X 2. 11 : 13

3. 13 : 11

X 4. 13 : 12

Question ID: 264330105737 Status : Answered

Chosen Option: 3

Section: English Comprehension

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Oscar is the most prestigious award which is introduced to good actors in that year.

Ans X 1. rewarded to good

X 2. nominated to fine

3. awarded to best

X 4. attached to fine

Question ID: 26433088511 Status: Answered

Chosen Option: 3

Q.2 Select the most appropriate option that can substitute the underlined segment in the

given sentence. When I reached home late, I found my children <u>waiting on me.</u>

Ans

X 1. waiting with me

X 2. waiting by me

X 3. waiting about me

4. waiting for me

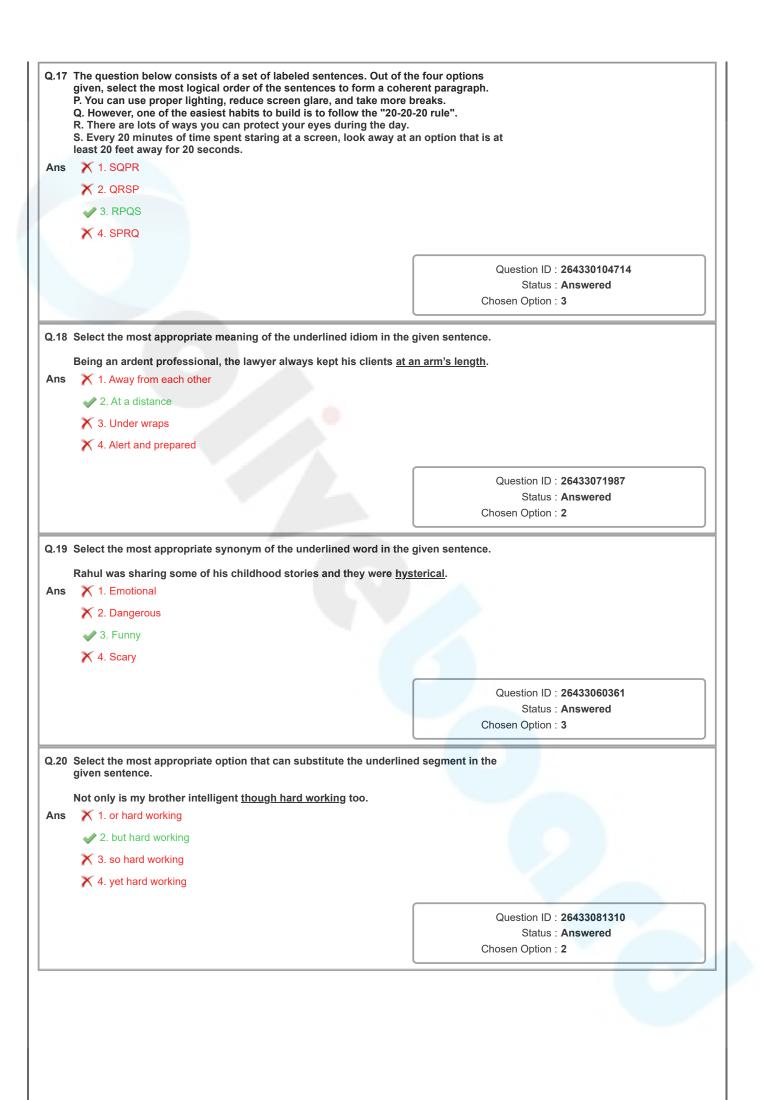
Question ID: 26433084627

Status: Answered

Q.3 Select the most appropriate option to fill in the blank. Our school had decided to take us to the Himalayas for excursion. I ______ to convince my mother to give consent. Ans X 1. fought fire with fire X 2. brought home the bacon X 3. made waves Question ID: 26433070552 Status : Answered Chosen Option: 4 Q.4 Identify the INCORRECTLY spelt word in the given sentence. The rhime and rhythm of Papai's poems are highly symbolical and timely. 1. Rhime Ans X 2. Timely X 3. Rhythm X 4. Symbolical Question ID: 26433070562 Status : **Answered** Chosen Option : 1 Q.5 Select the INCORRECTLY spelt word. Ans X 1. Justice 2. Judege X 3. Attorney 💢 4. Lawyer Question ID: 26433065137 Status: Answered Chosen Option : 2 Q.6 Select the sentence with the appropriate use of adverb of frequency. Ans X 1. Radha goes to Nagpur with great affection. 2. Radha goes to Nagpur for her office work. 3. Radha often goes to Nagpur. 4. Radha goes to Nagpur to meet her uncle. Question ID: 26433073885 Status: Answered Chosen Option: 3 Q.7 Select the most appropriate synonym of the given word. Obligatory Ans X 1. Unnecessary 2. Compulsory X 3. Chosen X 4. Optional Question ID: 26433071877 Status : Answered Chosen Option: 4

	Select the most appropriate ANTONYM of the underlined word. Built by King Narasimhadeva I of the Eastern Ganga dynasty from 1238-1250 CE, the 13 th century late-style Kalingan temple forms part of the golden triangle of Odisha, along with Puri and Bhubaneswar, and attracts tourists, pilgrims, and history and art lovers. X 1. Embodies		
Ans			
	★ 2. Shrouds		
	★ 3. Elucidates		
	✓ 4. Deters		
		Question ID : 26433061572 Status : Answered	
		Chosen Option : 4	
Q.9	Select the option that contains a grammatical error in the	underlined portion.	
	There are three cupholders placed on the cupboards of the	ne secretariat table.	
Ans	★ 1. There are three cupholders placed on the cupboards	of the secretariat table.	
	2. There are three cupholders placed on the cupboards	of the secretariat table.	
	✗ 3. There are three cupholders placed on the cupboards	of the secretariat table.	
	★ 4. There are three cupholders <u>placed on the</u> cupboards	of the secretariat table.	
		Question ID : 26433088584 Status : Answered	
		Chosen Option : 2	
Ans	X 1. support	r her company.	
Ans	X 1. supportX 2. dedicationX 3. attachment	r ner company.	
Ans	✗ 1. support✗ 2. dedication	r ner company.	
Ans	X 1. supportX 2. dedicationX 3. attachment	Question ID : 26433089032	
Ans	X 1. supportX 2. dedicationX 3. attachment	Question ID : 26433089032 Status : Answered	
Ans	X 1. supportX 2. dedicationX 3. attachment	Question ID : 26433089032	
	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of	Question ID : 26433089032 Status : Answered	
	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable	Question ID : 26433089032 Status : Answered	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP	Question ID : 26433089032 Status : Answered	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS	Question ID : 26433089032 Status : Answered	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP	Question ID : 26433089032 Status : Answered	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP X 3. PRQS	Question ID : 26433089032 Status : Answered Chosen Option : 2	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP X 3. PRQS	Question ID : 26433089032	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP X 3. PRQS	Question ID : 26433089032 Status : Answered Chosen Option : 2	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP X 3. PRQS	Question ID : 26433089032 Status : Answered Chosen Option : 2 Question ID : 264330104669 Status : Answered	
Q.11	X 1. support X 2. dedication X 3. attachment 4. love Rearrange the parts of the sentence in correct order. The spectacular P. Indian economy, were largely based on coal Q. expansion of electrification of the R. the last 20 years, and the considerable S. Chinese economic growth of X 1. QRPS X 2. SQRP X 3. PRQS	Question ID: 26433089032 Status: Answered Chosen Option: 2 Question ID: 264330104669 Status: Answered	

	Coloct the covered divert form of the given contents		
Q. 12	Select the correct direct form of the given sentence. The surgeon says that I should get anaesthesia for the surgery.		
Ans	1. The surgeon says, "You should get anaesthesia for the surgery."		
	X 2. The surgeon says, "I should get anaesthesia for the surgery."		
	✗ 3. The surgeon said, "You should get anaesthesia for the surgery."		
	X 4. The surgeon says, "You could get anaesthesia for the surgery."		
			: 264330104642
		Chosen Option	: Answered : 2
		· .	
Q.13	Select the correct active form of the given sentence.		
Ans	Why is peace being demanded by you? 1. Why you are demanding peace?		
	× 2. Why are peace demanded?		
	✓ 3. Why are you demanding peace?		
	4. Why you demand peace?		
	4. Willy you demand peace?		
		Question ID	: 264330104591
			: Answered
		Chosen Option	: 3
	X 1. Withered X 2. Sick ✓ 3. Gentle X 4. Voracious		: 26433061561 : Answered : 4
Q.15	X 2. Sick✓ 3. Gentle	Status	: Answered
Q.15	 2. Sick 3. Gentle 4. Voracious Select the correct passive form of the given sentence.	Status	: Answered
Q.15	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless.	Status	: Answered
Q.15	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless.	Status	: Answered
	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. 	Status	: Answered
Q.15	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. 	Status Chosen Option	: Answered : 4
Q.15	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. 	Status Chosen Option	: Answered : 4
Q.15	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. 	Status Chosen Option	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. 	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. 	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. Select the most appropriate option to fill in the blank. He has experienced abuse.	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. Select the most appropriate option to fill in the blank. He has experienced abuse. X 1. palpable 	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. Select the most appropriate option to fill in the blank. He has experienced abuse.	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. Select the most appropriate option to fill in the blank. He has experienced abuse. X 1. palpable 	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. ✓ 4. She was fired by them because she was careless. X 1. palpable X 2. visible X 2. visible	Chosen Option Question ID Status	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. ✓ 1. She was fired by them because she was careless. ✓ 2. Visible ✓ 3. physical 	Question ID Status Chosen Option	: Answered : 4
Q.15 Ans	 X 2. Sick ✓ 3. Gentle X 4. Voracious Select the correct passive form of the given sentence. They fired her because she was careless. X 1. She is being fired by them because she was careless. X 2. She is fired by them because she was careless. X 3. She had been fired by them because she was careless. ✓ 4. She was fired by them because she was careless. ✓ 1. She was fired by them because she was careless. ✓ 2. Visible ✓ 3. physical 	Question ID Status Chosen Option Question ID	: Answered : 4



	Comprehension:		
	In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.		
	Everything we know about non-avian dinosaurs is(1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have(2) amazing fossilized bones and footprints. Early finds inspired(3) and fairy tales, and people(4) that these bones belonged to(5) or huge monsters.		
	SubQuestion No : 21		
Q.21	Select the most appropriate option to fill in blank number 1.		
Ans	X 1. taken after		
	× 2. held on		
	X 3. given in		
	√ 4. based on		
		Question ID : 26433079000	
		Status : Answered	
		Chosen Option : 4	
	Comprehension:		
	In the following passage some words have been deleted. Fill in the blank alternatives given. Select the most appropriate option for each number.	s with the help of the	
	Everything we know about non-avian dinosaurs is(1) fossils, v teeth, footprints, tracks, eggs, and skin impressions. For centuries, peopl		
	world have (2) amazing fossilized bones and footprints. Early f	inds inspired	
	(3) and fairy tales, and people(4) that these bones b (5) or huge monsters.	elonged to	
O 22	SubQuestion No : 22 Select the most appropriate option to fill in blank number 2.		
Ans	X 1. designed		
7	× 2. invented		
	★ 3. fabricated		
	√ 4. discovered		
		Over 15 or 1D 20100070001	
	Question ID : 26433079001 Status : Answered		
		Chosen Option : 4	
	Comprehension:		
	In the following passage some words have been deleted. Fill in the blank	s with the help of the	
	alternatives given. Select the most appropriate option for each number.		
	Everything we know about non-avian dinosaurs is(1) fossils, v	which include bones,	
	teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have (2) amazing fossilized bones and footprints. Early finds inspired (3) and fairy tales, and people (4) that these bones belonged to (5) or huge monsters.		
O 23	SubQuestion No : 23 Select the most appropriate ention to fill in blank number 3		
Ans	Select the most appropriate option to fill in blank number 3. 1. fame		
7	× 2. celebrities		
	√ 3. legends		
	X 4. honour		
		Outgotion ID : 26422070202	
		Question ID : 26433079002 Status : Answered	

	Comprehension:		
In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.			
	Everything we know about non-avian dinosaurs is(1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have(2) amazing fossilized bones and footprints. Early finds inspired(3) and fairy tales, and people(4) that these bones belonged to(5) or huge monsters.		
	SubQuestion No : 24		
	Select the most appropriate option to fill in blank number 4.		
Ans	X 1. aimed		
	X 2. opposed		
	X 3. arranged		
	✓ 4. imagined		
		Question ID : 26433079003 Status : Answered	
		Chosen Option : 2	
		Silvering Spilon 1	
	Comprehension:		
	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each number.	with the help of the	
	Everything we know about non-avian dinosaurs is(1) fossils, we teeth, footprints, tracks, eggs, and skin impressions. For centuries, people world have(2) amazing fossilized bones and footprints. Early fix(3) and fairy tales, and people(4) that these bones be(5) or huge monsters.	throughout the ands inspired	
	SubQuestion No : 25		
Q.25	Select the most appropriate option to fill in blank number 5.		
Ans	X 1. spirits		
	★ 2. devils		
	X 3. ghosts		
	✓ 4. giants		
		Question ID : 26433079004 Status : Answered Chosen Option : 2	