# **Combined Graduate Level Examination 2020 Tier-I**

Roll Number	
Candidate Name	
Venue Name	TCS Gito Bitan
Exam Date	18/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section: General Intelligence and Reasoning

Q.1 Select the option that is related to the third word in the same way as the second word is related to the first word.

Circle: Arc:: Plant:?

Ans X 1. Plasma

X 2. Tree

X 3. Chlorophyll

4. Stem

Question ID : 81616113317

Status : **Answered** 

Chosen Option: 4

Q.2 In a certain code language, 'REFUSAL' is coded as '2101239103' and 'POETRY' is coded as '1067927'. How will 'PROFIT' be coded in that language?

Ans X 1. 21671829

X 2. 81217629

**3**. 12186792

**X** 4. 18216972

Question ID: 81616112916

Status : Not Answered

Chosen Option : --

Q.3 Select the letter from among the given options that can replace the question mark (?) in the following series.

H, Q, I, T, K, ?, N

Ans X 1. J

✓ 2. Y

X 3. A

X 4. U

Question ID: 81616112614

Status : Answered

Chosen Option : 2

Q.4 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different. 1. Vision Ans X 2. Devotion X 3. Zeal X 4. Fury Question ID: 81616112912 Status: Answered Chosen Option : 1 Q.5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. 1. Gravity 2. Glycogen 3. Gestation 4. Glycerine 5. Gesture Ans **X** 1. 3, 1, 2, 4, 5 2. 3, 5, 4, 2, 1 **X** 3. 3, 2, 5, 1, 4 **X** 4. 3, 5, 2, 4, 1 Question ID: 81616113314 Status: Answered Chosen Option: 2 Q.6 Select the option in which the given figure is embedded (rotation is NOT allowed). Ans Question ID: 81616112627 Status: Answered Chosen Option: 4

Q.7 Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the equation.

483 \* 23 \* 93 \* 16 \* 4 \* 50

**Ans** X 1. +, ÷, -, ×, =

× 2. ÷, -, +, ×, =

X 3. ÷, +, -, =, ×

√ 4. ÷, +, -, ×, =

Question ID: 81616112925

Status: Answered

Chosen Option: 4

Q.8 The present age of Ramesh is 7 years more than the present age of his wife Sangeeta.
6 years hence, the age of Ramesh will be three times that of his son Mayank. If the present age of Mayank is 10 years, then what is the present age of Sangeeta?

**Ans** X 1. 30 years

X 2. 42 years

X 3. 48 years

4. 35 years

Question ID: 81616112623

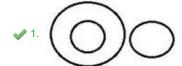
Status: Answered

Chosen Option: 4

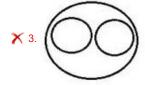
Q.9 Select the Venn diagram that best illustrates the relationship among the following classes.

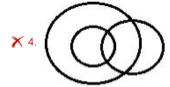
Neptune, Planet, Moon

Ans



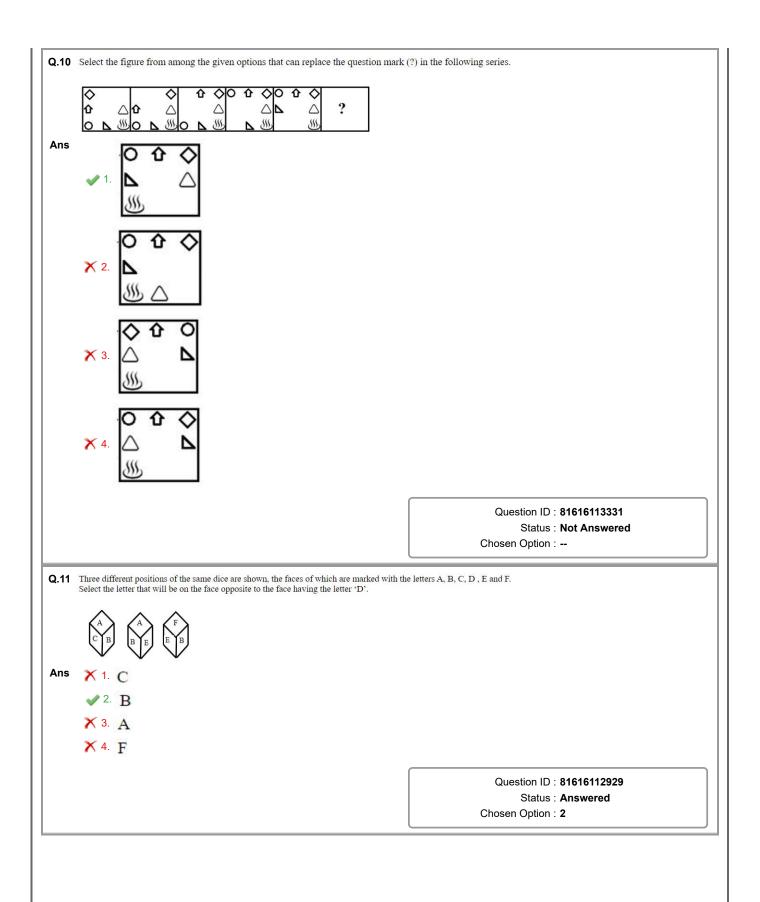


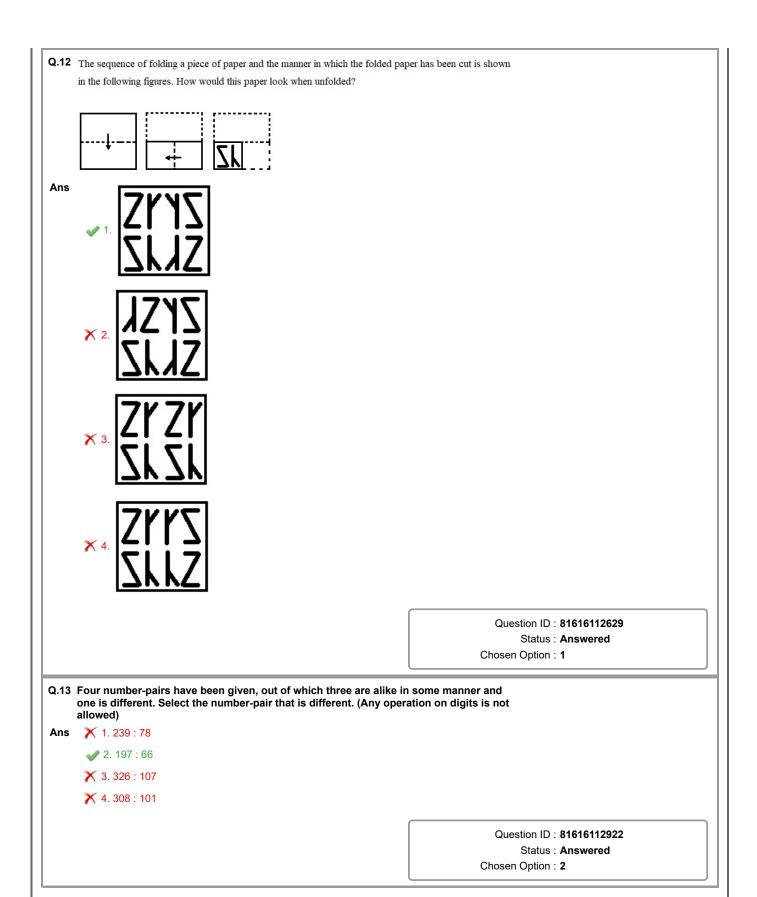




Question ID : 81616113135

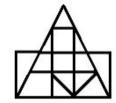
Status : Answered





Q.14 Rani is the sister of Piyush and the daughter of Kamal. Kamal is the son of Gaurav and the brother of Aryan. Aryan is the father of Rajneesh. How is Aryan related to Piyush? 1. Paternal Grandfather 2. Paternal Uncle X 3. Brother X 4. Father Question ID: 81616112615 Status: Answered Chosen Option: 2 Q.15 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. CUH, HQK, MMN, RIQ, ? Ans X 1. UDS √ 2. WET **X** 3. XFS X 4. VGT Question ID: 81616112606 Status: Answered Chosen Option: 2 Q.16 Select the option in which the words share the same relationship as that shared by the given pair of words. Jharkhand : Ranchi X 1. Mizoram : Kohima X 2. Sikkim : Itanagar X 3. Assam : Jorhat 4. Meghalaya : Shillong Question ID: 81616112611 Status: Answered Chosen Option: 4

Q.17 Find the number of triangles in the given figure.



Ans

X 1. 16

√ 2. 18

X 3. 14

X 4. 20

Question ID: 81616112928

Status: Not Answered

Chosen Option: --

Q.18 In a certain code language, 'VIRTUE' is written as 'DBZBNX'. How will 'OMINOUS' be written in that language?

Ans

✓ 1. HUBVHNA

X 2. HBUVHNA

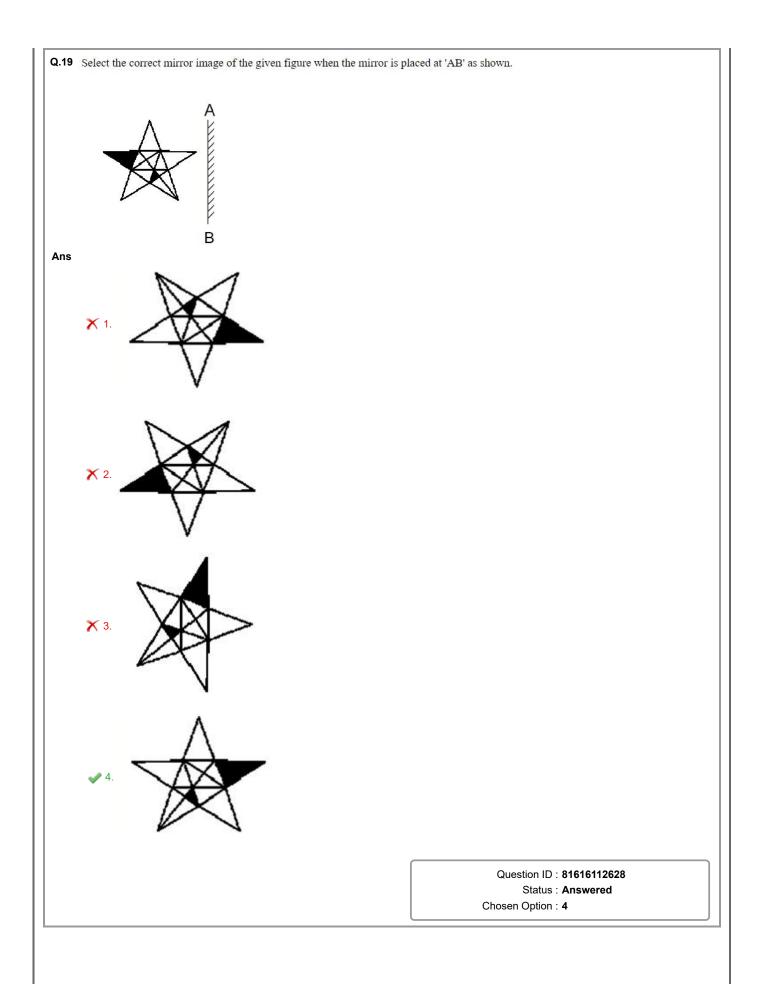
✗ 3. IUBHMBA

X 4. IBUHABM

Question ID: 81616113117

Status: Not Answered

Chosen Option: --



8 of 31

Q.20 Read the given statements 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 statements.

### Statements:

Some mats are carpets. Some carpets are blankets.

No blanket is a quilt.

### Conclusions:

- I. No quilt is a carpet.
- II. No blanket is a mat.
- III. Some carpets are mats.

- 1. Only conclusion III follows
- X 2. Only conclusion I follows
- X 3. Both conclusions I and III follow
- X 4. Only conclusion II follows

Question ID: 81616113121 Status: Answered

Chosen Option: 1

Q.21 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

16:8::21:?::11:6

- X 1. 14 **X** 2. 9
- **3**. 10
- **X** 4. 11

Question ID: 81616113123 Status: Not Answered

Chosen Option: --

Q.22 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 10, 53)

Ans

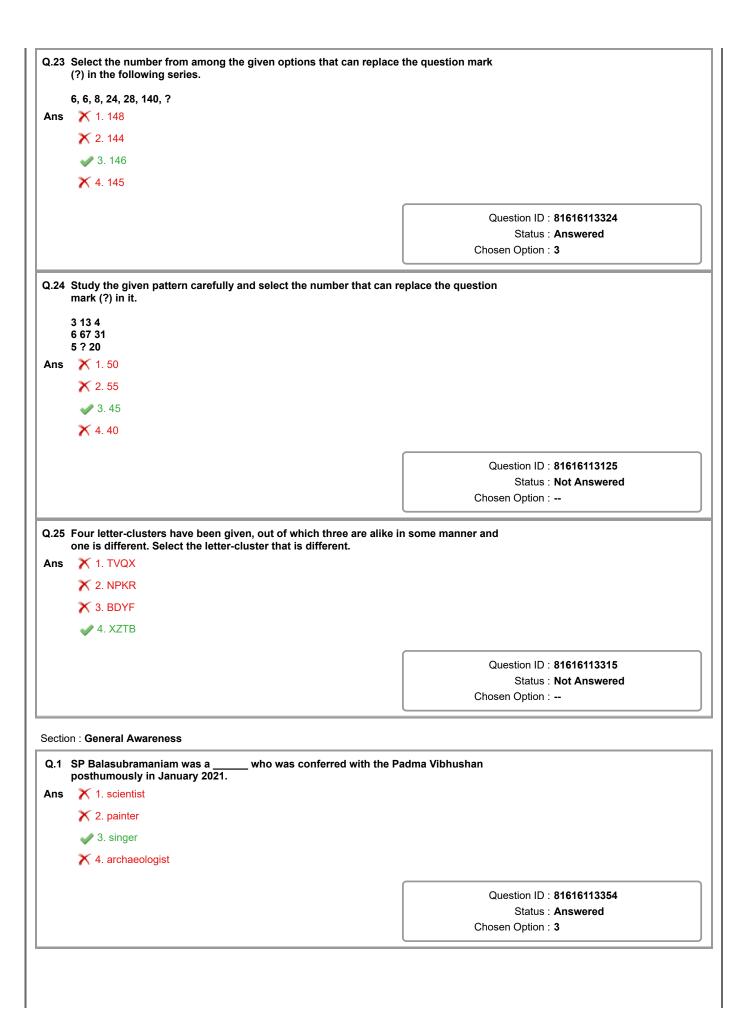
- **1**. (7, 19, 98)
- **X** 2. (11, 31, 152)
- **X** 3. (5, 13, 62)
- X 4. (8, 20, 103)

Question ID: 81616112924

Status: Not Answered

Chosen Option: --

9/2/2021, 7:15 PM 9 of 31



Q.2 In which of the following countries was the headquarters of International Olympic Committee located as of February 2021? X 1. Japan X 2. China 3. Switzerland X 4. The US Question ID: 81616113358 Status: Answered Chosen Option: 3 Q.3 Which of the following is a coarse grained igneous rock that contains quarts and feldspar? 💢 1. Basalt Ans X 2. Andesite 3. Granite X 4. Marble Question ID: 81616113349 Status: Not Answered Chosen Option: --Q.4 Who among the following Indian actors was honoured with the 'Best Actor' award at the Indo-German Film week held in Europe in 2020? 1. Adil Hussain X 2. Shah Rukh Khan X 3. Sanjay Dutt X 4. Salman Khan Question ID: 81616112648 Status: Answered Chosen Option: 1 Q.5 Who among the following became the co-chair of 17th ASEAN-India Summit in November 2020? X 1. The President of India Ans X 2. The Speaker of the Lok Sabha 3. The Prime Minister of India X 4. The Chief Justice of India Question ID: 81616112654

Question ID : 81616112654 Status : Not Answered

Chosen Option : --

Q.6	In which of the following states is the Kolleru Lake lo	cated?
Ans	🗙 1. Madhya Pradesh	
	X 2. Kerala	
	X 4. Tamil Nadu	
		Question ID: 81616112943
		Status : Answered
		Chosen Option : 4
Q.7	Which of the following Articles of the Constitution of secretarial staff for each House of the Parliament?	India defines for a separate
Ans	✓ 1. Article 98	
	X 2. Article 34	
	★ 3. Article 155	
	X 4. Article 123	
	, , , , , , , , , , , , , , , , , , , ,	
		Question ID: 81616112952
		Status : Answered
Q.8	Which of the following states launched the scheme 'S that aims to provide quality drinking water directly fro areas?	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission'
	that aims to provide quality drinking water directly fro	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission'
	that aims to provide quality drinking water directly fro areas?	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission'
	that aims to provide quality drinking water directly froareas?  1. West Bengal	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission'
	that aims to provide quality drinking water directly froareas?  1. West Bengal  2. Bihar	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission'
	that aims to provide quality drinking water directly froareas?  1. West Bengal  2. Bihar  3. Uttar Pradesh	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban
	that aims to provide quality drinking water directly froareas?  1. West Bengal  2. Bihar  3. Uttar Pradesh	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission'
	that aims to provide quality drinking water directly froareas?  1. West Bengal  2. Bihar  3. Uttar Pradesh	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940
Ans	that aims to provide quality drinking water directly froareas?  1. West Bengal  2. Bihar  3. Uttar Pradesh	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3
Ans	that aims to provide quality drinking water directly froareas?  X 1. West Bengal  X 2. Bihar  X 3. Uttar Pradesh  4. Odisha	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3
Ans	that aims to provide quality drinking water directly froareas?  X 1. West Bengal  X 2. Bihar  X 3. Uttar Pradesh  4. Odisha  Who among the following was the first Finance Minist	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3
Ans	that aims to provide quality drinking water directly froareas?  *\times 1. West Bengal  *\times 2. Bihar  *\times 3. Uttar Pradesh  *\times 4. Odisha  *  *\times 1. Liaquat Ali Khan  *\times 1. Liaquat Ali Khan	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3
Ans	that aims to provide quality drinking water directly froareas?  **\times 1. West Bengal*  **\times 2. Bihar*  **\times 3. Uttar Pradesh*  **\times 4. Odisha*  **\times 1. Liaquat Ali Khan*  **\times 2. CD Deshmukh*	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3
Q.9	that aims to provide quality drinking water directly froareas?  X 1. West Bengal  X 2. Bihar  X 3. Uttar Pradesh  4. Odisha  Who among the following was the first Finance Minist  X 1. Liaquat Ali Khan  X 2. CD Deshmukh  3. RK Shanmukham Chetty	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3  ter of the Independent India?
Q.9	that aims to provide quality drinking water directly froareas?  X 1. West Bengal  X 2. Bihar  X 3. Uttar Pradesh  4. Odisha  Who among the following was the first Finance Minist  X 1. Liaquat Ali Khan  X 2. CD Deshmukh  3. RK Shanmukham Chetty	Status : Answered Chosen Option : 1  Sujal - Drink from Tap Mission' om tap to all households in urban  Question ID : 81616112940 Status : Answered Chosen Option : 3

\_\_\_\_ is the pattern of veins in the blade of a leaf. Ans X 1. Anthology X 2. Morphology X 3. Cytology 4. Venation Question ID: 81616113143 Status: Answered Chosen Option: 4 Q.11 In which of the following Indian states will you find the 'Kunchikal Falls'? Ans X 1. Kerala X 2. Tamil Nadu X 3. Telangana 4. Karnataka Question ID: 81616112641 Status: Not Answered Chosen Option: --Q.12 According to Malthusian theory which of the following grows in geometric progression? 1. Population Ans X 2. Food supply X 3. Employment X 4. Poverty Question ID: 81616112633 Status: Answered Chosen Option: 1 Q.13 Who was appointed as the middle and long distance coach of the Indian athletics team in January 2021? 1. Nikolai Snesarev Ans X 2. Radhakrishnan Nair X 3. Amrish Kumar X 4. Adille Sumariwalla Question ID: 81616113157 Status: Not Answered Chosen Option: --

	The total membership of the Constituent Asser representatives of princely states.	nbly was 389, of which were			
Ans	X 1. 102				
	<b>★</b> 2.84				
	<b>✓</b> 3. 93				
	<b>★</b> 4. 109				
		Question ID : 81616112650 Status : Answered			
		Chosen Option: 1			
	Who among the following established the Rash	ntrakuta Kingdom?			
Ans	X 1. Ashoka				
	✓ 2. Dantidurga				
	★ 3. Krishna I				
	★ 4. Amoghavarsha				
		Question ID : 81616113151			
		Status : Answered			
		Chosen Option : 3			
Ans	<ul><li>X 1. Tripura</li><li>X 2. Odisha</li><li>X 3. Assam</li></ul>				
	✓ 4. Bihar				
		Question ID : 81616113136			
		Status : Answered			
		Chosen Option : 4			
Q.17	Which of the following states' tourism ministry Labour Movement Museum in January 2021?	announced the launch of India's first			
	Which of the following states' tourism ministry Labour Movement Museum in January 2021?  1. Kerala	announced the launch of India's first			
	Labour Movement Museum in January 2021?	announced the launch of India's first			
	Labour Movement Museum in January 2021?  1. Kerala	announced the launch of India's first			
	Labour Movement Museum in January 2021?  1. Kerala  2. Karnataka	announced the launch of India's first			
	Labour Movement Museum in January 2021?  1. Kerala  2. Karnataka  3. Odisha				
Q.17 Ans	Labour Movement Museum in January 2021?  1. Kerala  2. Karnataka  3. Odisha	Question ID : 81616113362 Status : Answered			

	Makaravilakku is an annual festival held on Makar Sakranti in which of the following states?				
Ans					
	× 2. Odisha				
	X 3. Tamil Nadu				
	✓ 4. Kerala				
	·				
		Question ID: 81616112935			
		Status : Answered			
		Chosen Option : 2			
Q.19	On which of the following days is National D celebrated annually?	Disaster Response Force Raising Day			
Ans	X 1. 23 October				
	X 2. 6 March				
	X 3. 21 September				
	✓ 4. 19 January				
		Question ID : 81616113360			
		Status : <b>Answered</b> Chosen Option : <b>2</b>			
Q.20	When we cut an onion, the vegetable emits a the following compounds is responsible for cut onions?				
Ans	★ 1. Acetic acid				
	× 2. Citric acid				
	X 3. Ascorbic acid				
	<ul><li>✗ 3. Ascorbic acid</li><li>✓ 4. Sulphuric acid</li></ul>				
		Question ID : <b>81616113343</b>			
		Status : <b>Answered</b>			
Q.21		Status : <b>Answered</b> Chosen Option : <b>4</b>			
	✓ 4. Sulphuric acid  In which of the following years was the India  A sulphuric acid  In which of the following years was the India  A sulphuric acid  In which of the following years was the India  Output  Description  Output  Descrip	Status : <b>Answered</b> Chosen Option : <b>4</b>			
	✓ 4. Sulphuric acid  In which of the following years was the India Parliament?	Status : <b>Answered</b> Chosen Option : <b>4</b>			
	<ul> <li>✓ 4. Sulphuric acid</li> <li>In which of the following years was the India Parliament?</li> <li>✓ 1. 1945</li> </ul>	Status : <b>Answered</b> Chosen Option : <b>4</b>			
Q.21 Ans	✓ 4. Sulphuric acid  In which of the following years was the India Parliament?  ➤ 1. 1945  ✓ 2. 1947	Status : <b>Answered</b> Chosen Option : <b>4</b>			
	✓ 4. Sulphuric acid  In which of the following years was the India Parliament?  ✓ 1. 1945  ✓ 2. 1947  ✓ 3. 1946	Status : <b>Answered</b> Chosen Option : <b>4</b>			
	✓ 4. Sulphuric acid  In which of the following years was the India Parliament?  ✓ 1. 1945  ✓ 2. 1947  ✓ 3. 1946	Status : <b>Answered</b> Chosen Option : <b>4</b>			

# Q.22 What was the name of the first artificial satellite launched by India in 1975? Ans X 1. Charaka X 2. Panini 🗙 3. Sushruta 4. Aryabhatta Question ID: 81616112639 Status: Not Answered Chosen Option : --Q.23 What was the name of the women's regiment in the Indian National Army founded by Subhash Chandra Bose? √ 1. Rani of Jhansi Regiment X 2. Rani of Didda Regiment X 3. Rani Ahalyabai Regiment X 4. Rani Padmawati Regiment Question ID: 81616112645 Status: Not Answered Chosen Option: --Q.24 Which of the following acids is used in the purification of gold and silver? X 1. Formic acid X 2. Acetic acid X 3. Maleic acid 4. Nitric acid Question ID: 81616113140 Status: Answered Chosen Option: 4 Q.25 Who has been re-appointed as the MD and CEO of the RBL Bank in January 2021 for three years? Ans X 1. Deepak Ruiya 🔀 2. Rajeev Ahuja 3. Vishwavir Ahuja X 4. Rajeev Arora Question ID: 81616112937 Status: Answered

Section: Quantitative Aptitude

16 of 31 9/2/2021, 7:15 PM

## Q.1 Study the table and answer the question.

The data given in the table shows the number of students studying in four different disciplines in 5 institutes.

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
В	45	54	55	48
C	55	36	56	51
D	45	48	55	53
Е	48	44	52	55

Number of students studying commerce in institute D is what percent of the total number of students of the 5 institutes?

- Ans X 1. 27.7
  - **√** 2. 5.5
  - X 3. 5.3
  - X 4. 20.1

Question ID: 81616112680 Status: Not Answered

Chosen Option: --

What is the length (in cm) of the smallest altitude of the triangle whose sides are 5 cm, 12 cm and 13 cm? (correct to one decimal place)

Ans

- X 1. 5.1
- X 2. 12.0
- X 3. 2.6
- √ 4. 4.6

Question ID: 81616112666

Status: Answered

Chosen Option: 4

Q.3 Five men can complete a work in 20 days. Ten women can complete the same work in 15 days. Two men and six women started working together. After 5 days, three women left the work and a new man joined the work. The group continued working together till the end of the work. In how many days will they be able to do the remaining work?

Ans

- $\times 1.16\frac{2}{3}$
- $\times$  2.  $18\frac{1}{3}$
- X 3. 19
- √ 4. 14

Question ID: 81616112967

Status: Answered

If  $x - \frac{1}{x} = \sqrt{77}$ , then one of the values of  $x^3 + \frac{1}{x^3}$  is:

Ans  $\times$  1.  $80\sqrt{77}$ 

× 2. 3√77

**X** 3. 77√77

√ 4. − 702

Question ID : 81616112972 Status : Answered

Chosen Option : 4

Q.5 In a right angled triangle ABC, the lengths of the sides containing the right angle are 5 cm and 12 cm respectively. A circle is inscribed in the triangle ABC. What is the radius of the circle (in cm)?

Ans X 1. 2.5

X 2. 3

X 3. 2.8

√ 4. 2

Question ID : 81616112673 Status : Answered

Chosen Option: 4

Q.6 If 
$$a^3 - b^3 = 2349$$
 and  $(a - b) = 9$ , then  $(a + b)^2 - ab$  is equal to:

Ans X 1. 244

× 2. 229

× 3. 280

**4** 261

Question ID : 81616113374

Status : Answered

Chosen Option : 4

Simplify the expression 
$$441 \div \left[270 \div \frac{3}{7} + \left(17 \div \frac{1}{3}\right) - \left(8\frac{1}{2} - \frac{5}{2}\right)\right]$$

Ans

 $\times$  1.  $\frac{29}{75}$ 

× 2.  $\frac{19}{75}$ 

 $\times$  3.  $\frac{39}{75}$ 

√ 4. 
√ 4. 
√ 75

Question ID: 81616113364

Status : **Answered** 

If  $\sin(A+B)=1$  and  $\cos(A-B)=\frac{\sqrt{3}}{2}$ ,  $A+B\leq 90^\circ$  and A>B, then the value of

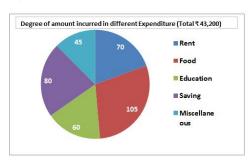
 $\frac{5\sin^2 B + 4\tan^2 A}{2\sin B\cos A}$  is:

$$\checkmark$$
 2.  $26\frac{1}{2}$ 

$$\times$$
 4.  $16\frac{1}{2}$ 

Question ID: 81616113887 Status: Answered Chosen Option: 2

Q.9 The given Pie-Chart shows the degree wise breakup of expenditure of a family in a month. Total income of a family is



Expenditure on food is what percent more than expenditure on rent?

Ans 
$$\times 1. \frac{100}{3} \%$$

$$\times$$
 2.  $\frac{200}{3}\%$ 

$$\times$$
 4.  $\frac{50}{3}$  %

Question ID: 81616113687

Status: Answered Chosen Option: 3

Study the table and answer the question.

The table shows the daily income of 50 persons.

Income (Rs)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

How many persons earn ₹250 or more but less than ₹350 daily?

- Ans × 1. 18
  - X 2. 28
  - X 3. 24
  - √ 4. 14

Question ID: 81616112678 Status: Answered

Chosen Option: 4

Q.11 Alloy A contains metals x and y in the ratio 5:2 and alloy B contains these metals in the ratio 3:4. Alloy C is prepared by mixing A and B in the ratio 4:5. The percentage of y in alloy C is:

- $\times$  1.  $55\frac{5}{9}\%$

- $\times$  2.  $66\frac{4}{9}\%$   $\times$  3.  $33\frac{4}{9}\%$   $\checkmark$  4.  $44\frac{4}{9}\%$

Question ID: 81616113167

Status: Answered

Chosen Option: 4

Q.12 A T.V. is sold at 8% gain. Had it been sold for ₹2553 less; there would have been loss of 15%. To gain 18%, the selling price (in ₹) of T.V. would be:

- Ans X 1. 9102
  - X 2. 15000
  - 3. 13098
  - × 4. 11100

Question ID: 81616113368

Status: Answered

If a+b+c=0, then what is the value of  $\frac{(b+c)^2}{bc}+\frac{(c+a)^2}{ca}+\frac{(a+b)^2}{ab}$ ?

Ans 🗼 1. 3

X 2. -3

X 3. 1

X 4. -1

Question ID: 81616113173

Status: Answered

Chosen Option: 1

Q.14 If a number P is divisible by 2 and another number Q is divisible by 3, then which of the following is true?

X 1 PxQ is divisible by 5

× 2. P+Q is divisible by 6

X 4. P+Q is divisible by 5

Question ID: 81616112959

Status: Answered

Chosen Option: 3

Q.15 A shopkeeper bought a machine for ₹4600 and spent ₹500 on its repairs and transport. He marked the machine at 8% above the overall cost price. If he sold the machine for  $\overline{<}4681.80$  after giving x% discount, then the value of x is:

Ans X 1. 12

X 2. 18

X 3. 20

√ 4. 15

Question ID: 81616113164

Status: Answered

Chosen Option: 4

Q.16

 $(\sec\theta + \tan\theta)^2 + \frac{1 + \csc\theta}{1 - \csc\theta'}$ 

 $0^{\circ} < \theta < 90^{\circ}$  is:

Ans 🔀 1. 2

✓ 2. 0

**X** 3. 1

X 4. -2

Question ID: 81616112473

Status: Answered

 $\textbf{Q.17} \quad \text{In } \Delta ABC \text{, } AB \text{ and } AC \text{ are produced to points } D \text{ and } E \text{ respectively. If the bisectors of angle } CBD \text{ and angle } BCE \text{ meet at } BCE \text{ and } BCE \text{$ point O, such that  $\angle BOC = 63^{\circ}$ , then  $\angle A = ?$ 

Ans

X 1. 36°

X 2. 27°

√ 3. 54°

X 4. 63°

Question ID: 81616113379

Status: Answered

Chosen Option: 3

Q.18 If  $\sin^6 \theta + \cos^6 \theta = \frac{1}{3}$ ,  $0^{\circ} < \theta < 90^{\circ}$ , then what is the value of  $\sin \theta \cos \theta$ ?

 $\times$  1.  $\frac{\sqrt{2}}{\sqrt{3}}$ 

 $\times$  2.  $\frac{\sqrt{6}}{6}$ 

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

 $\times$  4.  $\frac{2}{9}$ 

Question ID: 81616112977 Status: Answered

Chosen Option: 3

Q.19 The following table shows the daily seats occupancy in different classes of a train. Numbers in bracket represent the total seats available for a particular class.

Day	2nd Class	1st Class	AC III	AC II	AC 1st
	Non-AC	Non-AC	Tier	Tier	Class
	(900)	(500)	(500)	(250)	(150)
Monday	850	460	480	240	145
Tuesday	840	400	450	230	120
Wednesday	830	390	480	220	130
Thursday	790	480	490	250	125
Friday	840	470	500	210	130

What is the ratio of number of seats that remained vacant in all the Non-AC classes on Wednesday and Thursday taken together to number of seats remained vacant in AC classes on Monday, Tuesday and Friday?

Ans 🗸 1. 62 : 39

X 2. 39:62

X 3. 62:35

X 4. 35:62

Question ID: 81616113689

Status: Not Answered

Q.20 A sum of money was lent in two parts in the ratio 4:5 for 4 years and 5 years respectively, both at the rate of 8% per annum simple interest. If the difference between the interests earned from the two parts is ₹ 4680, then what was the total sum lent (in ₹)?

Ans

X 1 65000

√ 2. 58500

X 3. 42120

× 4. 46800

Question ID : 81616112966 Status : Answered

Chosen Option: 3

Q.21 In a circle with centre O, AB and CD are parallel chords on the opposite sides of a diameter. If AB = 12 cm, CD = 18 cm and the distance between the chords AB and CD is 15 cm, then find the radius of the circle (in cm).

Ans

√ 1. 3√13

X 2. 9

× 3. 9√13

X 4. 12

Question ID : 81616112974 Status : Answered

Chosen Option: 1

Q.22 Keshav, Surjeet and Thomas started a business with investments in the ratio 2:3:4. The ratio of their period of investments is 5:6:9. Twenty percent of the profit was spent on rent and maintenance of the office. Remaining profit was distributed among themselves. If the difference in the shares of profit of Keshav and Surjeet is ₹7264, then how much is the total profit (in ₹)?

Ans

X 1 58112

X 2. 51060

X 3. 46490

4. 72640

Question ID: 81616112963

Status: Not Answered

Chosen Option: --

Q.23 The average daily production of toys in a factory in the month of December is 512. If the average production during first 20 days is 515 and that of the last 13 days is 510, then what is the average of production on 19 and 20 December?

Ans

√ 1. 529

X 2. 513

X 3. 1058

X 4. 512

Question ID: 81616112658

Status : Answered

.24	Points A and B are on a circle with centre O. Point C is on the major are is the measure (in degrees) of the angle subtended by the minor arc AB	$\circ$ AB. If $\angle$ OAC=35° and $\angle$ OBC = 45°, then what at the centre?
ıns	<b>✓</b> 1. 160	
	× 2. 100	
	<b>★</b> 3. 70	
	× 4. 80	
		Question ID : 81616112670 Status : Answered
		Chosen Option : 1
Q.25	If a train runs with the speed of 72 km/h, it reaches its destination late b it is late by only 5 minutes. The correct time to cover its journey in minutes.	
Ans	X 1. 45	
	<b>✓</b> 2. 35	
	<b>X</b> 3. 40	
	× 4. 32	
		Question ID: 81616113170
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen Option . 2
Q.1 Ans	Select the most appropriate ANTONYM of the given v  Fallacy  1. Trick	vora.
	★ 2. Flaw	
	★ 3. Cheat	
	✓ 4. Truth	
		Question ID : 81616113404
		Status : Answered
		Chosen Option : 4
Q.2	Select the most appropriate option to fill in the blank	<u> </u>
	It was difficult to Gopal to watch a horror mo	
	X 1. dissuade	
Ans		
	X 2. confer	
	<ul><li>✓ 2. confer</li><li>✓ 3. persuade</li></ul>	
	✓ 3. persuade	
	✓ 3. persuade	Question ID : 81616113008 Status : Answered

Q.3 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph. A. When it was time to divide the spoils, the lion took one portion for his title as king of the forest. B. He took another portion because he was a partner, and yet another because he was the strongest. C. He took the last portion because an accident would befall anyone who laid a paw upon it. D. Once a lion went hunting with three other beasts. 1. DABC X 2. BDCA X 3. CABD 🗙 4. DCBA Question ID: 81616113400 Status: Answered Chosen Option: 1 Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. The weather / is much / more warmer / than it was a few days before. Ans X 1. than it was a few days before X 2. is much X 3. The weather 4. more warmer Question ID: 81616112985 Status: Answered Chosen Option: 4 Q.5 Select the most appropriate meaning of the given idiom. Sit on the fence X 1. Create conflicts Ans 2. Avoid making a decision X 3. Protect something X 4. Poke fun at people Question ID: 81616113204 Status: Answered Chosen Option: 2 Q.6 Select the option that expresses the given sentence in indirect speech. Raj said to his friend, "Please help me in this task." ✓ 1. Raj requested his friend to help him in that task. Ans 2. Raj ordered his friend to help him in this task. X 3. Raj said to his friend please help me in this task. 4. Raj threatened his friend to help him in this task. Question ID: 81616112684

25 of 31 9/2/2021, 7:15 PM

Status: Answered

Q.7 Select the option that can be used as a one-word substitute for the given group of A dynamic campaign for political, social or religious change X 1. War X 2. Mutiny 3. Crusade X 4. Conflict Question ID: 81616113004 Status: Answered Chosen Option: 3 Q.8 Select the option that can be used as a one-word substitute for the given group of An imaginary ideal society free of poverty and suffering 1. Utopia Ans X 2. Heaven X 3. Paradise X 4. Dreamland Question ID: 81616113005 Status: Answered Chosen Option: 1 Q.9 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed select 'No improvement required'. He fell over in studies owing to his illness. X 1. No improvement required X 2. fell for X 3. fell out 4. fell behind Question ID: 81616112988 Status: Answered Chosen Option: 4 Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph. A. The festival is named after the Indian Hornbill. B. The Hornbill festival is the most anticipated cultural carnival of this state. C. Located in Northeast India, Nagaland is very a beautiful and an ethnically diverse D. The Hornbill is often displayed on the traditional tribal headgears worn during Naga festivities. √ 1. CBAD Ans X 2. ABCD X 3. BCAD X 4. ACBD Question ID: 81616113199 Status: Answered Chosen Option: 1

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The visitors complained / at the poor accommodation / they were provided / during the tour.

Ans X 1. during the tour

X 2. The visitors complained

3. at the poor accommodation

X 4. they were provided

Question ID : **81616113186** Status : **Answered** 

Chosen Option: 3

# Q.12 Select the most appropriate meaning of the given idiom.

### Fair and square

Ans X 1. Beautiful in appearance

2. According to the rules

X 3. By any means available

X 4. Calm and quiet

Question ID : 81616113205

Status: Answered

Chosen Option : 2

Q.13 Select the option that expresses the given sentence in active voice.

I am paid weekly by my organisation.

Ans X 1. My organisation would pay me weekly.

X 2. My organisation paid me weekly.

3. My organisation pays me weekly.

X 4. My organisation will pay me weekly.

Question ID : 81616112986

Status : Answered

Chosen Option: 3

Q.14 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Fifty litres of milk are donated by the committee to the orphanage every week.

Ans X 1. No substitution

X 2. are being donated by the committee

3. is donated by the committee

X 4. are donated by a committee

Question ID : 81616112686

Status : Answered

Chosen Option: 3

Q.15	Select the INCORRECTLY spelt word.				
Ans	★ 1. Approval				
	X 2. Criticism				
	✓ 3. Hellicopter				
	X 4. Censure				
		Question ID : 81616113410 Status : Answered			
		Chosen Option : 3			
0.46	Salast the most appropriate symposym of the given y	word			
	Select the most appropriate synonym of the given v	word.			
Ans	Poignant  1. Beautiful				
	× 2. Quiet				
	✓ 3. Touching				
	X 4. Happy				
	* (				
		Question ID : 81616112696			
		Status : Answered			
		Chosen Option : 3			
Q.17	Select the most appropriate ANTONYM of the given	ı word.			
	Hassled				
Ans	★ 1. Worried				
	X 2. Annoyed				
	✓ 3. Relaxed				
	★ 4. Stressed				
		Question ID : 81616113203			
		Status : <b>Answered</b> Chosen Option : <b>3</b>			
Q.18	Select the most appropriate option to fill in the blan	ık.			
	She knew that to apologise would to admitti	ing she had failed.			
Ans	✓ 1. tantamount				
	★ 2. tangible				
	★ 3. tantalising				
	X 4. tandem				
		Question ID : 81616112706			
		Status : Answered			
		Chosen Option : 1			

	Select the INCORRECTLY spelt word.				
Ans	★ 1. Sentimentally				
	✓ 2. Subseqently				
	<ul><li>✗ 3. Substantially</li><li>✗ 4. Solicitation</li></ul>				
		Question ID : 81616113411 Status : Answered Chosen Option : 2			
Q.20	Select the most appropriate synonym of the given word.				
	Calm				
Ans	X 1. Cranky				
	✓ 2. Relaxed				
	→ 3. Joyful				
	★ 4. Clean				
		Question ID : 81616112695			
		Status : <b>Answered</b> Chosen Option : <b>2</b>			
		3			
	Comprehension:				
	Comprehension: In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl	lanks with the help of			
	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each but the first human beings to control fire gradually learned (1) materials.	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mithey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they lea	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mathey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they lead brush produced better grasslands and therefore more game.	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mithey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they leabrush produced better grasslands and therefore more game.  SubQuestion No: 21	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
Q.21	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mathey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they lead brush produced better grasslands and therefore more game.  SubQuestion No: 21  Select the most appropriate option to fill in blank number 1.	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
Q.21	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mistrey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they lead brush produced better grasslands and therefore more game.  SubQuestion No: 21  Select the most appropriate option to fill in blank number 1.	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
Q.21	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bill.  The first human beings to control fire gradually learned (1) mathey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they lead brush produced better grasslands and therefore more game.  SubQuestion No: 21  Select the most appropriate option to fill in blank number 1.  1. its  2. their	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			
Q.21	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mithey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they leabrush produced better grasslands and therefore more game.  SubQuestion No: 21  Select the most appropriate option to fill in blank number 1.  1. its  2. their  3. his	planks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so ned that the burning of			
Q.21	In the following passage, some words have been deleted. Fill in the the alternatives given. Select the most appropriate option for each bl.  The first human beings to control fire gradually learned (1) mithey (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear fithat game (5) be better seen and hunted. Eventually they leabrush produced better grasslands and therefore more game.  SubQuestion No: 21  Select the most appropriate option to fill in blank number 1.  1. its  2. their  3. his	lanks with the help of ank.  any uses. Not only did learned to use it in brests of underbrush so			

	Comprehension:	
	In the following passage, some words have been deleted. Fill in the blatthe alternatives given. Select the most appropriate option for each blant	
	The first human beings to control fire gradually learned (1) many uses. Not only did they (2) fire to keep warm and cook their food; they (3) learned to use it in hunting or warfare, to kill insects, to (4) berries, and to clear forests of underbrush so that game (5) be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.  SubQuestion No: 22	
Q.22	Q.22 Select the most appropriate option to fill in blank number 2.	
Ans	★ 1. ready	
	√ 2. use	
	★ 3. used	
	X 4. prepare	
		Question ID : 81616113396
		Status : Answered
		Chosen Option : 2
	Comprehension:	
	In the following passage, some words have been deleted. Fill in the blatthe alternatives given. Select the most appropriate option for each blan	•
	The first human beings to control fire gradually learned (1) man they (2) fire to keep warm and cook their food; they (3) hunting or warfare, to kill insects, to (4) berries, and to clear for that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.	earned to use it in ests of underbrush so
	SubQuestion No : 23	
Q.23	Select the most appropriate option to fill in blank number 3.	
Ans	X 1. alternative	
	X 2. well	
	√ 3. also	
	★ 4. instead	
		Question ID : 81616113397
		Status : Answered
		Chosen Option: 3

	Comprehension:	
	In the following passage, some words have been deleted. Fill in the blatthe alternatives given. Select the most appropriate option for each blant	•
	The first human beings to control fire gradually learned (1) many uses. Not only did they (2) fire to keep warm and cook their food; they (3) learned to use it in hunting or warfare, to kill insects, to (4) berries, and to clear forests of underbrush so that game (5) be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.  SubQuestion No: 24  Select the most appropriate option to fill in blank number 4.	
Q.24		
Ans	X 1. attain	
	✓ 2. safeguard	
	★ 3. acquire	
	★ 4. obtain	
		Question ID : 81616113398
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Choosi opton . 2
	Comprehension:	
	In the following passage, some words have been deleted. Fill in the blatthe alternatives given. Select the most appropriate option for each blant	•
	, , , , , , , , , , , , , , , , , , , ,	earned to use it in
	hunting or warfare, to kill insects, to (4) berries, and to clear fore that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.	
	that game (5) be better seen and hunted. Eventually they learned	
Q.25	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.	
Q.25 Ans	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.  SubQuestion No: 25	
	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.  SubQuestion No: 25  Select the most appropriate option to fill in blank number 5.	
	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.  SubQuestion No: 25  Select the most appropriate option to fill in blank number 5.  1. could	
	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.  SubQuestion No: 25  Select the most appropriate option to fill in blank number 5.  1. could 2. will	
	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.  SubQuestion No: 25  Select the most appropriate option to fill in blank number 5.  1. could 2. will 3. must	ed that the burning of
	that game (5) be better seen and hunted. Eventually they learned brush produced better grasslands and therefore more game.  SubQuestion No: 25  Select the most appropriate option to fill in blank number 5.  1. could 2. will 3. must	

31 of 31