

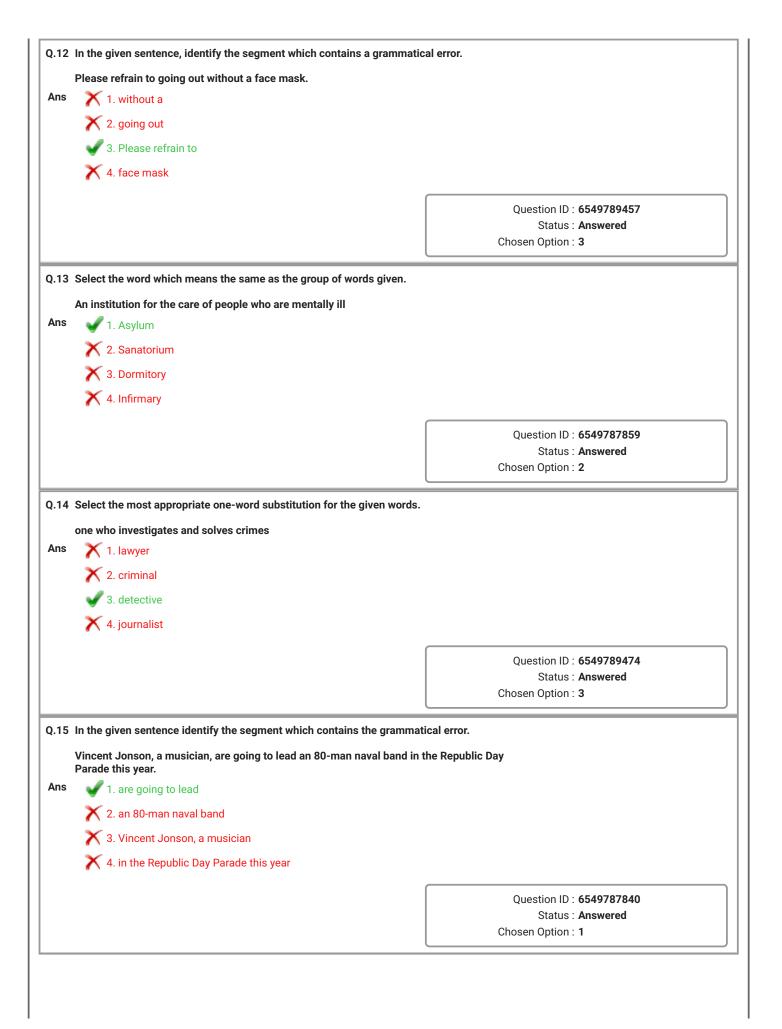
## **Combined Higher Secondary Level Examination 2020 (Tier-I)**

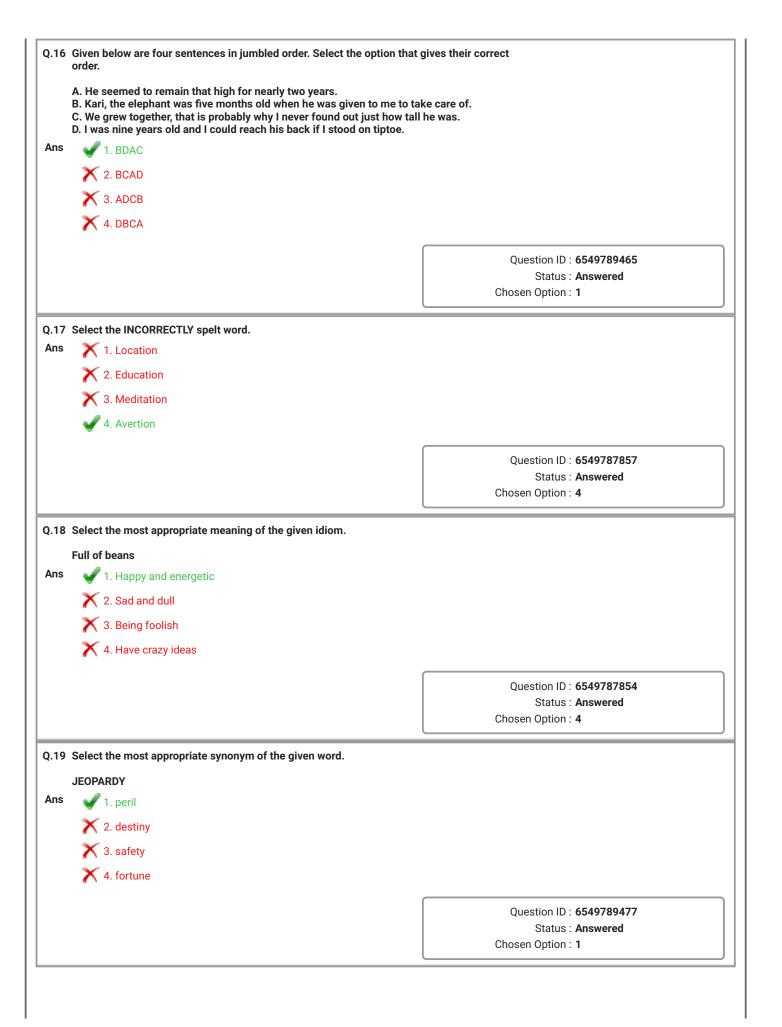
Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Subj	ject Combined Higher Secondary Level Exa	m 2020
Section	ion : <b>English Language</b>	
Q.1	Select the most appropriate option to substitute the underlined segm sentence. If there is no need to substitute it, select 'No improvement'	
		•
Ans	Did you do what I telling you to do yesterday?  1. what I told you	
7	2. that I am telling you	
	X 3. No improvement	
	X 4. what I have told you	
		Question ID : <b>6549787851</b>
		Status : Answered
		Chosen Option : 1
Q.2	Select the most appropriate word to fill in the blank in the given sente	ence.
	Unable to check her, Alice ran after the rabbit down the rabbit	hole.
Ans		
	× 2. pleasure	
	X 3. wisdom	
	✓ 4. curiosity	
	4. Curiosity	
		Question ID : <b>6549787862</b>
		Status : Answered
		Chosen Option : 4
Q.3	Fill in the blank with most appropriate word.	
	Thunder and lightning was with heavy rain.	
Ans	X 1. accrued	
	X 2. accorded	
	√ 3. accompanied	
	X 4. accustomed	
		Question ID : <b>6549789479</b> Status : <b>Answered</b>
		Chosen Option : 3
		·

Q.4 Select the most appropriate antonym of the given word. **MORBID** Ans 💢 1. horrid 2. cheerful X 3. gloomy X 4. cruel Ouestion ID: 6549789469 Status: Answered Chosen Option: 2 Q.5 Select the correct passive form of the given sentence. Mary Kom has won numerous boxing championships. Ans X 1. Numerous boxing championships are being won by Mary Kom. 2. Numerous boxing championships have been won by Mary Kom. X 3. Numerous boxing championships were won by Mary Kom. 4. Numerous boxing championships had been won by Mary Kom. Question ID: 6549789454 Status: Answered Chosen Option: 2 Q.6 Select the correct indirect form of the given sentence. My brother said to me, "Have you read the newspaper today?" Ans X 1. My brother asked me if you have read the newspaper today. 2. My brother asked me if I had read the newspaper today. 3. My brother asked me if I had read the newspaper that day. X 4. My brother asked me have you read the newspaper today. Question ID: 6549787839 Status: Answered Chosen Option: 3 Q.7 Select the most appropriate ANTONYM of the given word. **AVOID** Ans 1. Meet X 2. Avert X 3. Bypass X 4. Dodge Question ID: 6549787852 Status: Answered Chosen Option: 1

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'. The interview will be conducted by 9 a.m. till 11 a.m. Ans X 1. No substitution X 2. during 9 a.m. till 11 a.m. 3. from 9 a.m. to 11 a.m. X 4. from 9 a.m. until 11 a.m. Question ID: 6549789466 Status: Answered Chosen Option: 3 Q.9 Select the most appropriate synonym of the given word. **ANTICIPATE** Ans X 1. Prefer X 2. Accept 3. Expect X 4. Doubt Question ID: 6549787860 Status: Answered Chosen Option: 3 Q.10 Select the misspelt word. Ans 1. strugle 2. propel X 3. fulfil X 4. several Question ID: 6549789472 Status: Answered Chosen Option: 3 Q.11 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order. A. The town of Lustenau in Austria claims to have built a world record-breaking bonfire. B. The structure took three months to build but collapsed in less than half an hour last Saturday evening. C. Embers from the big fire fell onto nearby market traders, but local fire crews were on hand to make sure that everyone was safe. D. According to the organizers, the pyre reached as high as 60 meters. Ans 💢 1. ABCD 2. ADBC X 3. ACBD X 4. ABDC Question ID: 6549787848 Status: Answered Chosen Option: 1





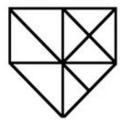
Q.20	Select the most appropriate meaning of the underlined idiom in the given sentence.	
	Their marriage wasn't working but they <u>kept up appearances</u> .	
Ans	1. maintained an expression of well being	
	X 2. maintained peace and harmony	
	X 3. kept throwing parties	
	X 4. revealed the truth	
		Question ID : 6549789471 Status : Answered
		Chosen Option : 1
_	O	
	<b>Comprehension:</b> 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
	Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) villa. He was staring at the evening sky (2) the open window. It was already (3) and it was very windy. He (4) the dark clouds and felt a little (5) today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.	
	SubQuestion No : 21	
	Select the most appropriate option to fill in the blank no. 1.	
Ans	X 1. specific	
	× 2. spreading	
	X 3. spiral	
	4. spacious	
		Question ID : <b>6549789459</b>
		Status : <b>Answered</b>
		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
	Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) villa. He was staring at the evening sky (2) the open window. It was already (3) and it was very windy. He (4) the dark clouds and felt a little (5) today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness.  SubQuestion No: 22	
	Select the most appropriate option to fill in the blank no. 2.	
Ans	X 1. with	
	× 2. among	
	X 3. between	
	4. through	
		Question ID : <b>6549789460</b>
		Status : <b>Answered</b>
		Chosen Option : 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.	
	Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) staring at the evening sky (2) the open window. It was already (3) _ windy. He (4) the dark clouds and felt a little (5) today. He redusk sky, his days were also wrapped in clouds of loneliness.	and it was very
	SubQuestion No: 23	
Q.23	Select the most appropriate option to fill in the blank no. 3.	
Ans	√ 1. dusk	
	× 2. noon	
	X 3. morning	
	X 4. dawn	
		Question ID : <b>6549789461</b>
		Status : <b>Answered</b> Chosen Option : <b>1</b>
		chosch option: 1
	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
	Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) staring at the evening sky (2) the open window. It was already (3) _ windy. He (4) the dark clouds and felt a little (5) today. He redusk sky, his days were also wrapped in clouds of loneliness.	and it was very
	SubQuestion No: 24	
Q.24	Select the most appropriate option to fill in the blank no. 4.	
Ans	X 1. glanced	
	X 2. peered	
	X 3. stared	
	√ 4. observed	
		Question ID : 6549789462
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Onoden option . 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. Seventy-year-old Bapak Gilang sat in his favourite rocking chair in his (1) \_\_\_\_\_ villa. He was staring at the evening sky (2) \_\_\_\_\_ the open window. It was already (3) \_\_\_\_\_ and it was very windy. He (4) \_\_\_\_\_ the dark clouds and felt a little (5) \_\_\_\_ today. He reflected that like the dusk sky, his days were also wrapped in clouds of loneliness. SubQuestion No: 25 Q.25 Select the most appropriate option to fill in the blank no. 5. 1. pensive 2. innocent 3. attentive 4. delighted Question ID: 6549789463 Status: Answered Chosen Option: 1 Section: General Intelligence Q.1 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers will be on opposite sides? Ans X 1. 2 and 3 X 2. 1 and 6 √ 3. 3 and 5 X 4. 1 and 2 Question ID: 6549787882 Status: Answered Chosen Option: 3 Q.2 Select the option that is related to the third term in the same way as the second term is related to the first term. Healthy Diet: Tiredness:: Carefulness:? Ans 1. Activeness 2. Satisfied 3. Accident X 4. Successful Question ID: 6549789491 Status: Answered Chosen Option: 3

Q.3 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. 1. Indiscipline 2. Indetermination 3. Indelicate 4. Indictable 5. Independent Ans 1. 3, 5, 2, 4, 1 2. 2, 3, 5, 1, 4 **X** 3. 2, 3, 5, 4, 1 **X** 4. 3, 2, 5, 1, 4 Question ID: 6549787871 Status: Answered Chosen Option: 1 Q.4 In a code language, LANCER is written as NALREC. How will NORWAY be written in that Ans 1. RONYAW 2. YAWRON 3. YAWNOR 🗙 4. RNOYAW Question ID: 6549789488 Status: Answered Chosen Option: 1 Q.5 Select the number that can replace the question mark (?) in the following series. 46, 47, 94, 97, 388, ? Ans **X** 1. 398 **X** 3. 419 **X** 4. 411 Question ID: 6549789485 Status: Answered Chosen Option: 2

Q.6 Find the number of triangles in the given figure.



Ans

- **1.** 17
- **×** 2. 19
- X 3. 15
- **X** 4. 13

Question ID: 6549787884 Status: Answered

Chosen Option: 1

Q.7 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Ans

- X 1. j l k l k
- **X** 2. k j l l k
- **X** 3.1k1jk
- **√** 4. j k l k k

Question ID: 6549787068

Status: Answered

Chosen Option: 4

Q.8 Select the option in which the words share the same relationship as that shared by the given pair of words.

Sheep: Lamb

Ans

- X 1. Leopard : Larva
- 2. Cow : Calf
- X 3. Crow : Cub
- X 4. Panda : Infant

Question ID: 6549787878

Status : Answered

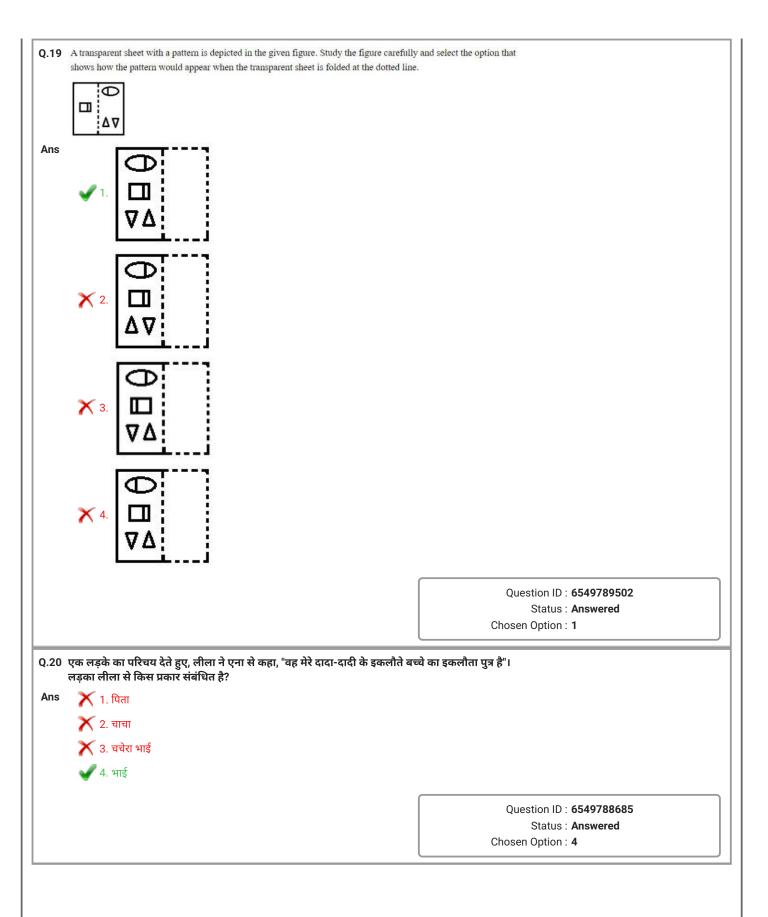
Q.9 Select the option figure which is embedded in figure X as its part (rotation is NOT allowed). Ans Question ID: 6549789501 Status: Answered Chosen Option: 4 Q.10 Which two numbers should be interchanged to make the given equation correct?  $64 + 36 \div 3 \times 9 - 32 = 44$ Ans 1. 3 and 9 X 2. 32 and 36 X 3. 64 and 36 X 4. 9 and 64 Question ID: 6549789481 Status: Answered Chosen Option: 1 Q.11 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different. Ans 1. WBYT 2. YDWR 3. MRGB X 4. CHSN Question ID: 6549787879 Status: Answered

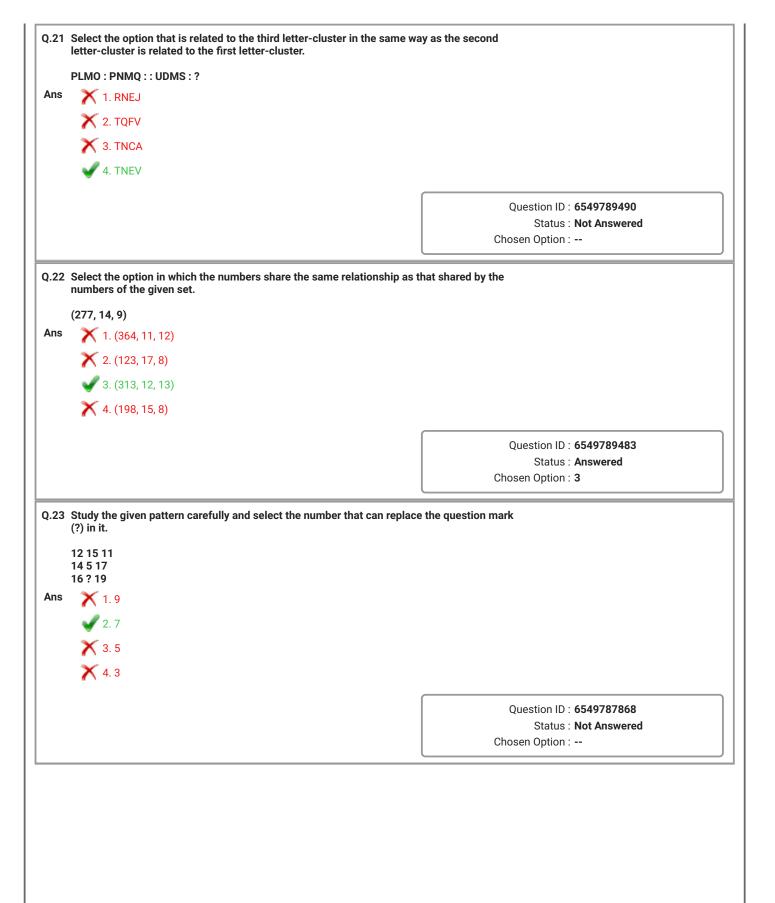
	HEAVEN be coded in that language?	
Ans	<b>X</b> 1. 131	
	<b>X</b> 2. 101	
	<b>√</b> 3.110	
	<b>X</b> 4.113	
		Question ID: 6549787873 Status: Answered
		Chosen Option: 3
Q.13	Select the option that is related to the third number in the same way as is related to the first number.	s the second number
	364:183::462:?	
Ans	11.237	
	<b>★</b> 2. 279	
	<b>√</b> 3. 232	
	<b>X</b> 4. 223	
		Question ID : <b>6549787866</b>
		Status : Answered
Q.14	Four numbers have been given, out of which three are alike in some m	Chosen Option : 3  anner and one is
Q.14	different. Select the number that is different.	
	different. Select the number that is different.  1. 1587  2. 3462  3. 1273	anner and one is
	different. Select the number that is different.  1. 1587  2. 3462  3. 1273	
	different. Select the number that is different.  1. 1587  2. 3462  3. 1273	Question ID: 6549787870
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is	Question ID: 6549787870 Status: Answered Chosen Option: 2
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is odd one.	Question ID: 6549787870 Status: Answered Chosen Option: 2
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is odd one.  1. Newspaper	Question ID: 6549787870 Status: Answered Chosen Option: 2
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is odd one.  1. Newspaper 2. Magazine	Question ID: 6549787870 Status: Answered Chosen Option: 2
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is odd one.  1. Newspaper	Question ID: 6549787870 Status: Answered Chosen Option: 2
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is odd one.  1. Newspaper 2. Magazine 3. Publisher	Question ID: 6549787870 Status: Answered Chosen Option: 2
Ans	different. Select the number that is different.  1. 1587 2. 3462 3. 1273 4. 5789  Three of the following four words are alike in a certain way and one is odd one.  1. Newspaper 2. Magazine 3. Publisher	Question ID: 6549787870 Status: Answered Chosen Option: 2

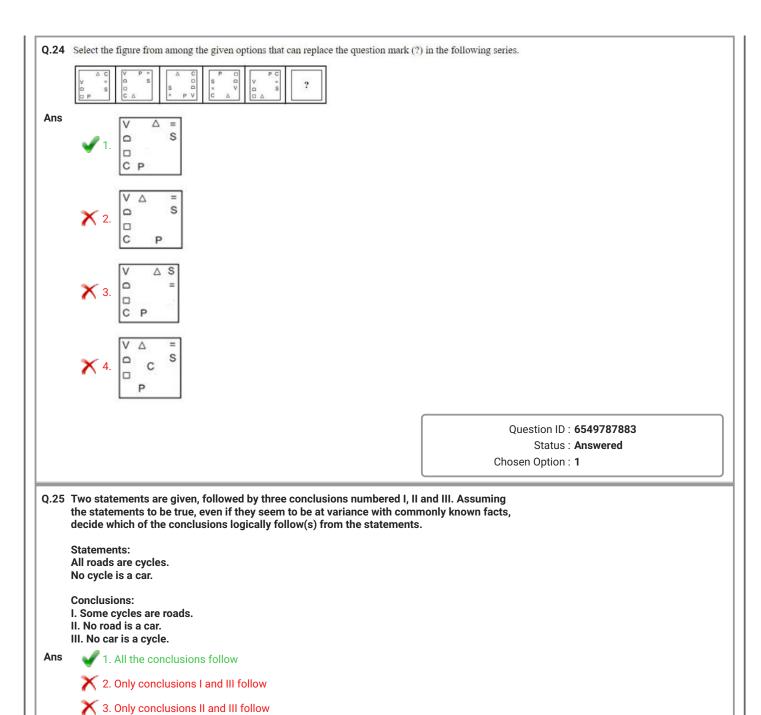
Ans X 1. 24 **X** 3. 25 Question ID: 6549787864 Status: Answered Chosen Option: 2 Q.17 Select the correct water image of the given letter-cluster. EDZMKA Ans X 1 EDZ M K A ✓ 2. EDZWKA X 3. BDZMKA X4 EDZWKA Question ID: 6549789503 Status: Answered Chosen Option: 2 Q.18 Select the Venn diagram that best represents the relationship between the following classes. Ridge Gourd, Vegetables, Turnip Ans Question ID: 6549787888 Status: Answered

Chosen Option: 3

Q.16 Ranjan in his ODI Cricket career, scored 15 runs on an average in 10 matches. If he scored 14 runs on an average in the first 4 matches and 12 runs on an average in the last 4 matches, then find the average of the runs scored by him in the remaining 2 matches.







Question ID: 6549789497 Status: Answered

Chosen Option: 1

Section: Quantitative Aptitude

X 4. Only conclusions I and II follow

A sum of ₹ x is divided among A, B and C such that the ratio of the shares of A and C is 8:7 and that of B and C is 3:2. If the difference between the shares of A and B is  $\ge 240$ , then what is the value of x? Ans X 1. 2544 × 2. 2580 X 3. 2490 **4** 2448 Question ID: 6549787896 Status: Answered Chosen Option: 4 Q.2 If a pair of shoes marked at ₹350 is offered at ₹308, then what will be the discount percentage? Ans X 1. 42% × 2. 13.6% **√** 3. 12% X 4. 14% Question ID: 6549789509 Status: Answered Chosen Option: 3 Q.3 In  $\triangle$  ABC, AD is the bisector of  $\angle$ A meeting BC at D. If AB = 15 cm, BC = 10 cm and the length of BD is 2 cm less than that of DC, then the length of AC is: Ans X 1. 18.5 cm X 2. 18 cm X 3. 16 cm ✓ 4. 22.5 cm Ouestion ID: 6549787900 Status: Answered Chosen Option: 4

Q.4 Simplify the following expression.

$$\frac{13\frac{7}{9} \div \frac{2}{3} \text{ of } \frac{1}{3} + \frac{2}{3} \times 3}{\frac{7}{5} \text{ of } 325 - 20 + 7}.$$

Ans

- $\times$  1.  $\frac{40}{1989}$
- $\chi$  2.  $\frac{31}{2210}$
- $\checkmark$  3.  $\frac{32}{221}$
- $\times$  4.  $\frac{33}{217}$

Question ID : **6549789522** Status : **Answered** 

Chosen Option: 3

Q.5 The value of  $cosec(58^{\circ} + \theta) - sec(32^{\circ} - \theta) + sin15^{\circ}sin35^{\circ}sec55^{\circ}sin30^{\circ}sec75^{\circ}$  is:

Ans

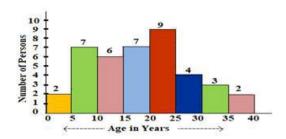
- X 1. 1
- **X** 2. 2
- **3**.
- **X** 4. 0

Question ID: 6549787908

Status: Answered

Chosen Option :  ${\bf 3}$ 

Q.6 Some persons went on an outstation tour. The histogram shows their ages.



How many persons are less than 20 years of age?

Ans







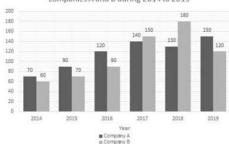
X 4. 18

Question ID : **6549789526** Status : **Answered** 

Chosen Option: 1

Q.7 Study the given graph and answer the question that follows.

Production (in lakh tonnes) of paper by two companies A and B during 2014 to 2019



The total production of paper by company B in 2015 and 2017 to 2019 was what percentage less than 90% of the total production of paper by company A in 2014 to 2019 (correct to one decimal place)?

Ans

X 1. 22.4%

X 2. 19.6%

X 3. 21.2%

√ 4. 17.5%

Question ID: 6549787913

Status : Answered

Q.8 In  $\triangle$ ABC, D and E are points on AB and BC, respectively, such that DE is parallel to AC. If DE = 3 cm, AC = 5 cm and the area of trapezium ACED =  $32 \text{ cm}^2$ , then what will be the area of  $\triangle$ BDE?

Ans

$$\times$$
 1.  $\frac{144}{17}$  cm<sup>2</sup>

$$\times$$
 2.  $\frac{48}{5}$  cm<sup>2</sup>

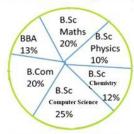
Question ID : 6549789517 Status : Answered

Chosen Option : 4

Q.9 Study the given pie chart and answer the question that follows.

Total number of students admitted in a college = 700.

Distribution of the percentage of students in various courses.



Percentage-wise distribution of the number of boys.

Number of boys
40%
68%
58%
80%
75%
65%

The ratio of the total number of girls admitted in B.Sc. Maths to the total number of students admitted in B.Sc. Maths is:

Ans

Question ID : 6549789629 Status : Answered Chosen Option : 2 Q.10 In a circle with centre O and radius 6.5 cm, a chord AB is at a distance 2.5 cm from the centre. If tangents at A and B intersect at P, then find the distance of P from the centre.

Ans

✓ 1. 16.9 cm

× 2. 18 cm

X 3. 15 cm

X 4. 17 cm

Question ID: 6549789515 Status: Answered Chosen Option: 1

Q.11 What is the compound interest (in ₹) on a sum of ₹46,000 for 2 2/2 years at 15% per annum, interest being compounded annually (nearest to a ₹)?

Ans

X 1. 18,458

**2**. 18,485

X 3. 19,485

X 4. 19,458

Question ID: 6549787897 Status: Answered

Chosen Option: 3

If  $\sqrt{x} + \frac{1}{\sqrt{x}} = 2\sqrt{3}$ , then what will be the value of  $x^4 + \frac{1}{x^4}$ ?

Ans X 1. 10402

X 2. 9606

**√** 3. 9602

X 4. 10406

Question ID: 6549789519 Status: Answered

Chosen Option: 3

Q.13 If 3x - 2y + 3 = 0, then what will be the value of  $27x^3 + 54xy + 30 - 8y^3$ ?

Ans 

★ 1. -27

X 2. 57

**X** 3. −57

4. 3

Question ID: 6549789520

Status: Answered

Q.14 Chords AB and CD of a circle meet at point P (outside the circle), when produced. If AB = 9 cm,  $PB = \frac{1}{3}AB$  and CD = 5 cm, then the length of PD (in cm) is: Ans

X 1. 7

X 2. 6

X 3. 5

**4**. 4

Question ID: 6549787898 Status: Answered Chosen Option: 4

Q.15 By selling an article for ₹3,150, a shopkeeper earns 5% profit. For how much money should he sell the article in order to gain 8%?

Ans

1. ₹3,240

× 2. ₹3,180

X 3. ₹3,200

X 4. ₹3,250

Question ID: 6549789511 Status: Answered Chosen Option: 1

Q.16 Given that  $3\sqrt{3}x^3 - 8y^3 = (\sqrt{3}x + Ay)(3x^2 + By^2 + Cxy)$ , the value of  $(A^2 + B^2 - C^2)$  is:

Ans

X 1. 4

**2**. 8

X 3. 12

X 4. 0

Question ID: 6549787902 Status: Answered Chosen Option: 2

Q.17 A solid metallic sphere of radius 12 cm is melted and recast in the form of small spheres of radius 2 cm. How many small spheres are formed?

Ans

X 1. 24

X 2. 96

X 3. 864

4. 216

Question ID: 6549789507 Status: Answered

Q.18 A tap can fill a tank in 4 hours. Another tap can fill the same tank in 6 hours. If both the taps are opened at the same time, then in how much time will the empty tank be filled completely?

Ans

X 1 2 h 30 min

✓ 2. 2 h 24 min

X 3. 3 h

X 4. 2 h

Question ID : 6549789505 Status : Answered Chosen Option : 2

**Q.19** If  $tan3\theta = sin45^{\circ} \cdot cos45^{\circ} + cos60^{\circ}$  and  $3\theta$  is an acute angle, then what will be the value of  $sin4\theta$ ?

Ans

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

 $\chi$  2.  $\frac{1}{\sqrt{2}}$ 

**X** 3.  $\frac{1}{2}$ 

**X** 4. 1

Question ID: 6549789523 Status: Answered

Chosen Option: 1

Q.20 A boat can go 15 km downstream and 8 km upstream in 2 h . It can go 20 km downstream and 12 km upstream in 2 h 50 min . What is the speed (in km/h) of the boat while going downstream?

Ans

X 1. 16

**V** 2. 15

X 3. 20

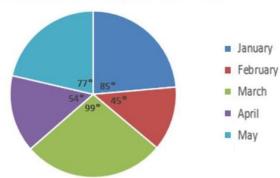
X 4. 18

Question ID : **6549787890** Status : **Answered** 

Q.21 Study the given pie chart and answer the question that follows.

The pie chart shows the distribution (degree wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold = 5400



If the difference between the number of computers sold in May and the number of computers sold in February is x, then the value of x will be:

Ans

- X 1. 450
- **2.** 480
- X 3. 540
- X 4. 420

Question ID: 6549787003 Status: Answered

Chosen Option: 1

Q.22 The average of 40 numbers is 48.2. The average of the first 15 numbers is 45 and that of the next 22 numbers is 50.5.

The  $38^{th}$  number is 1 more than the  $39^{th}$  number, and the  $39^{th}$  number is 3 less than the  $40^{th}$  number. What is the average of the  $39^{th}$  and  $40^{th}$  numbers?

Ans

- X 1. 48
- X 2. 49
- **3**. 47.5
- X 4. 48.5

Question ID: 6549787892 Status: Answered

Chosen Option: 4

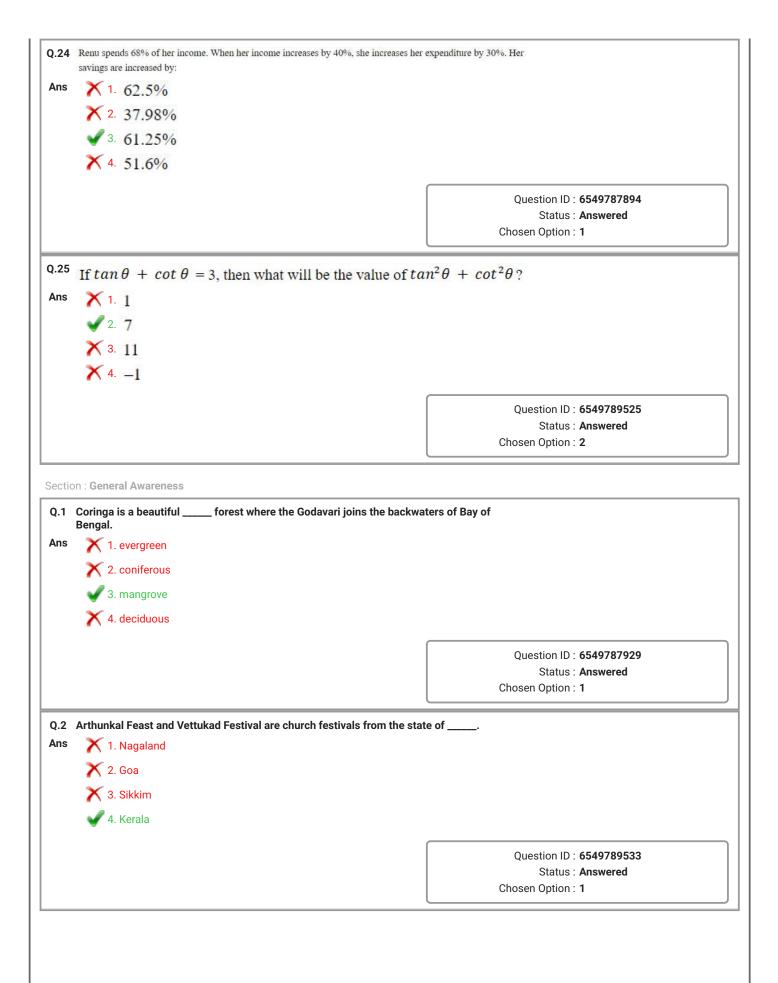
Q.23 If the five-digit number 457 ab is divisible by 3, 7 and 11, then what is the value of  $a^2 + b^2 - ab$ ?

Ans

- **1**. 49
- X 2. 36
- X 3. 24
- X 4. 33

Question ID: 6549787905

Status: Not Answered

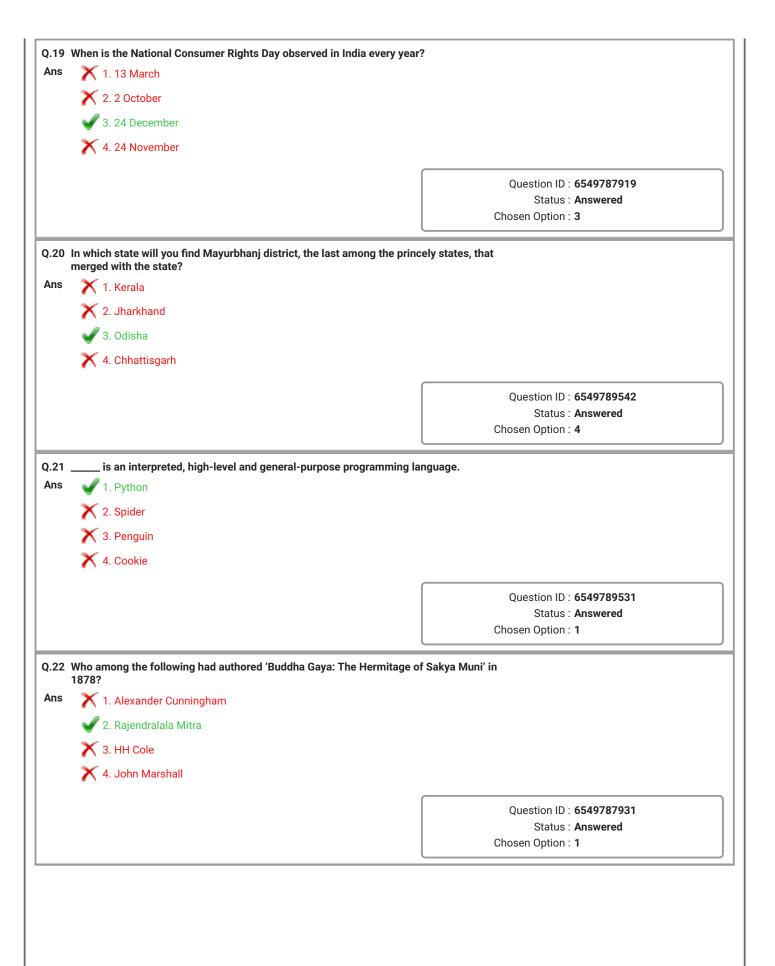


Q.3	.3 Who among the following has received the Female Sportsperson of the Year Award at the FICCI India Sports Award in December 2020?	
Ans	1. Saina Nehwal	
	× 2. Manu Bhakhar	
	X 3. Deepika Kumari	
	✓ 4. Elavenil Valarivan	
		Question ID : 6549787938  Status : Answered
		Chosen Option : 2
Q.4 Ans	Which Indian state is divided into Majha, Doaba and Malwa regions?	
Alls	1. Assam	
	2. Karnataka	
	3. Punjab	
	X 4. Madhya Pradesh	
		Question ID : <b>6549789543</b>
		Status : Answered
		Chosen Option : 4
Q.5	Who is the second Indian footballer to play 100 international games?	
Ans	X 1. Bhaichung Bhutia	
	2. Sunil Chhetri	
	X 3. Gurpreet Singh Sandhu	
	X 4. Udanta Singh	
		0 10
		Question ID : <b>6549789553</b> Status : <b>Answered</b>
		Chosen Option : 2
0.6	Rain is liquid	
Ans	1. precipitation	
	X 2. condensation	
	X 3. decantation	
	× 4. sedimentation	
	, occumentation	
		Question ID : <b>6549789541</b>
		Status : <b>Answered</b> Chosen Option : <b>1</b>
		Choosi option. I

Q.7	In which of the following years did the Indian National Congress make t Constituent Assembly?	he demand for a
Ans	<b>X</b> 1. 1939	
	<b>X</b> 2. 1919	
	<b>★</b> 3. 1928	
	<b>√</b> 4. 1934	
		Question ID: <b>6549787934</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Onoscii Option. 4
Q.8	For the residents of which of the following union territories PM Narenda Ayushman Bharat - Pradhan Mantri Jan Arogya Yojna (AB - PMJAY) 'Se December 2020?	
Ans	1. Jammu and Kashmir	
	🔀 2. Ladakh	
	X 3. Chandigarh	
	X 4. Puducherry	
		Question ID : 6549787918
		Status : <b>Answered</b> Chosen Option : 1
		·
Q.9	The Indian Mutiny of 1857 effectively ended in the city of	
Ans	1. Gwalior	
	X 2. Amritsar	
	X 3. Lucknow	
	🗙 4. Vadodara	
		Question ID : <b>6549789546</b>
		Status : <b>Answered</b>
		Chosen Option : 3
Q.10	In which of the following years PM-KISAN (Pradhan Mantri Kisan Samn formally launched?	nan Nidhi) was
Ans	<b>√</b> 1. 2019	
	<b>×</b> 2. 2014	
	V	
	3. 2015	
	<ul><li>★ 3. 2015</li><li>★ 4. 2017</li></ul>	
	<b>3</b> 3. 2015 <b>4</b> 4. 2017	
		Question ID : <b>6549787921</b>
		Question ID : 6549787921 Status : Answered Chosen Option : 3

Q.11	What is the pH value of acidic substances?	
Ans	X 1. Below 1.0	
	× 2. Below 4.0	
	X 3. Below 2.0	
	<b>√</b> 4. Below 7.0	
		Question ID : <b>6549789539</b> Status : <b>Answered</b>
		Chosen Option : 4
Q.12	Who among the following cricketers is the brand ambassador of a fantas platform, Paytm First Games?	sy sports gaming
Ans	1. Sachin Tendulkar	
	× 2. Rohit Sharma	
	🗙 3. Yuvraj Singh	
	X 4. Virat Kohli	
		Question ID : <b>6549787936</b>
		Status : Answered
		Chosen Option : 3
Ans	eighth union territory of India, by amending the First Schedule to the Col  1. 13th  2. 10th  3. 12th  4. 18th	
		Question ID : <b>6549789551</b>
		Status : <b>Not Answered</b> Chosen Option :
	Chambal is a tributary of which of the following rivers?	
Ans	X 1. Narmada	
	2. Yamuna	
	X 3. Ganga	
	X 4. Brahmaputra	
		Question ID : <b>6549787928</b>
		Status : <b>Answered</b>
		Chosen Option : 2

Q.15	1.15 Who among the following became the first Indian-Kiwi woman to become a minister in New Zealand in 2020?	
Ans	1. Priyanca Radhakrishnan	
	🔀 2. Manisha Singh	
	X 3. Seema Verma	
	X 4. Anita Anand	
		Question ID : <b>6549789536</b>
		Status : Answered
		Chosen Option : 1
Q.16	Who among the following was the first Indian to win the Miss World bear	uty pageant?
Ans	1. Reita Faria	
	🔀 2. Aishwarya Rai	
	X 3. Diana Hayden	
	X 4. Priyanka Chopra	
		Question ID : <b>6549789548</b>
		Status : Answered
		Chosen Option : 4
Q.17	Which of the following is a method of describing computer algorithms u	sing a combination
Ans	of natural language and programming language?  1. Node	
Allo	2. Pseudocode	
	3. Flowchart	
	X 4. Array	
	4. Allay	
		Question ID: <b>6549787914</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Gilocoli opiioli. 2
	is a process of forming a thick oxide layer of aluminium.	
Ans	1. Galvanisation	
	X 2. Ductility	
	X 3. Corrosion	
	4. Anodising	
		Question ID : <b>6549787924</b>
		Status : <b>Answered</b>
		Chosen Option : 3



Q.23	NTPC and have signed an MoU to set up a joint vent business'.	ure for 'renewable energy
Ans		
	🗙 2. Coal India	
	X 3. NHPC Limited	
	✓ 4. ONGC	
		Question ID : 6549789538 Status : Answered Chosen Option : 4
Q.24	Colonel (retd) Narendra Kumar, an Indian soldier and	_, passed away in December
Ans		
	X 2. singer	
	X 3. boxer	
	X 4. wrestler	
		Question ID : 6549787933 Status : Answered Chosen Option : 3
Q.25	Kalbelia folk songs and dance forms are an expression of	the Kalbelia community's
Ans	traditional way of life. It is associated with which of the fol  1. Maharashtra	lowing states?
	× 2. Haryana	
	✓ 3. Rajasthan	
	X 4. Punjab	
		Question ID : 6549787916 Status : Answered Chosen Option : 3

## **Combined Higher Secondary Level Examination 2020 (Tier-I)**

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section: English Language

Q.1 In the given sentence, identify the segment which contains the grammatical error.

Despite warnings the driver continued to speed and have been caught by the traffic police.

Ans

X 1. Despite warnings



X 3. the driver continued to speed

X 4. by the traffic police

Question ID : 6549788952 Status : Answered

Chosen Option: 1

Q.2 Select the most appropriate option to fill in the blank.

It has been announced that after a gap of almost two months, domestic flight services will \_\_\_\_\_ from next week.

Ans

1. retake

X 2. advance

X 3. proceed

4. resume

Question ID : 6549786751 Status : Answered

Chosen Option: 4

Q.3 Select the most appropriate meaning of the given idiom.

Method to one's madness

Ans

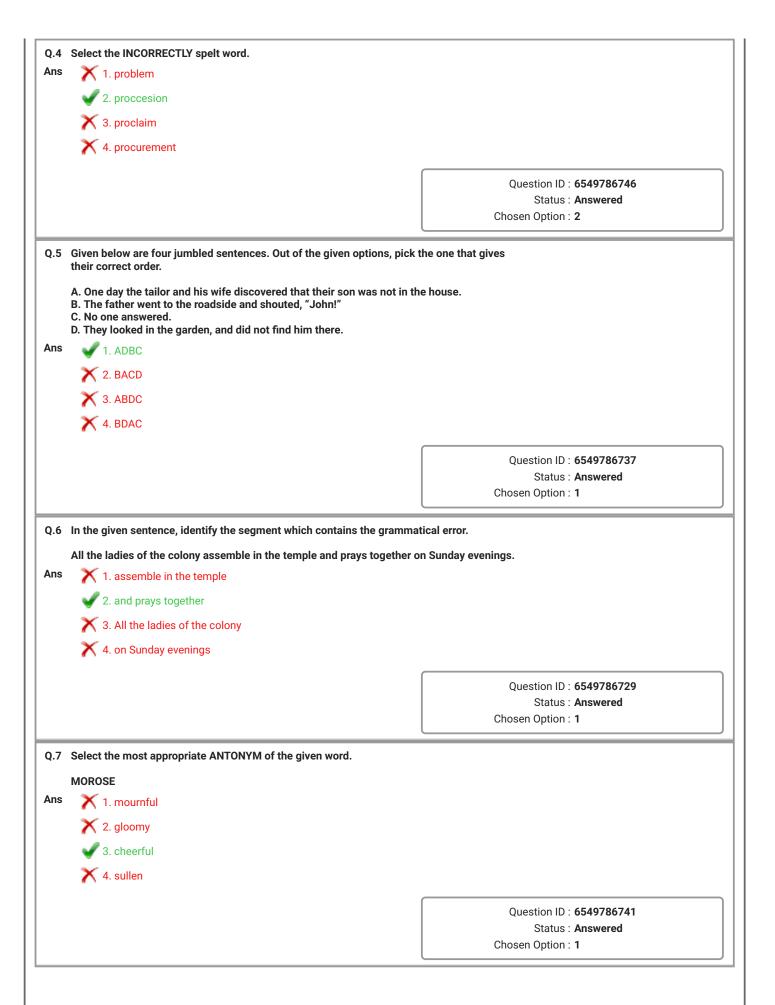
X 1. Being very neat and particular about details

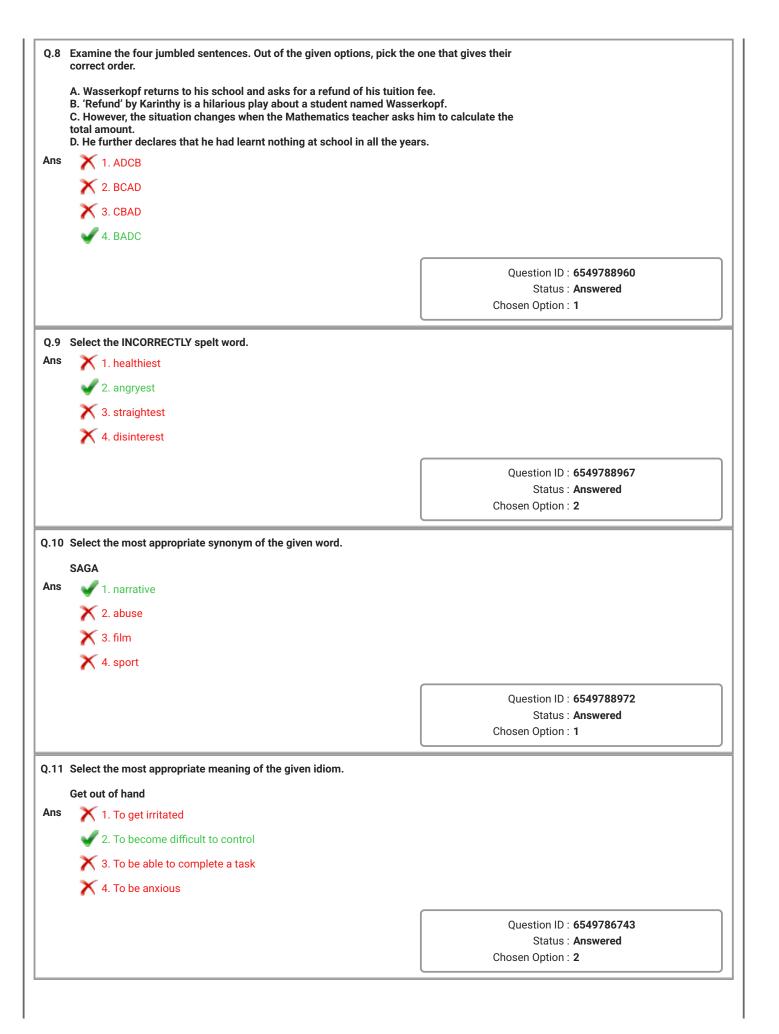
2. Seeming disorderly yet having a structure

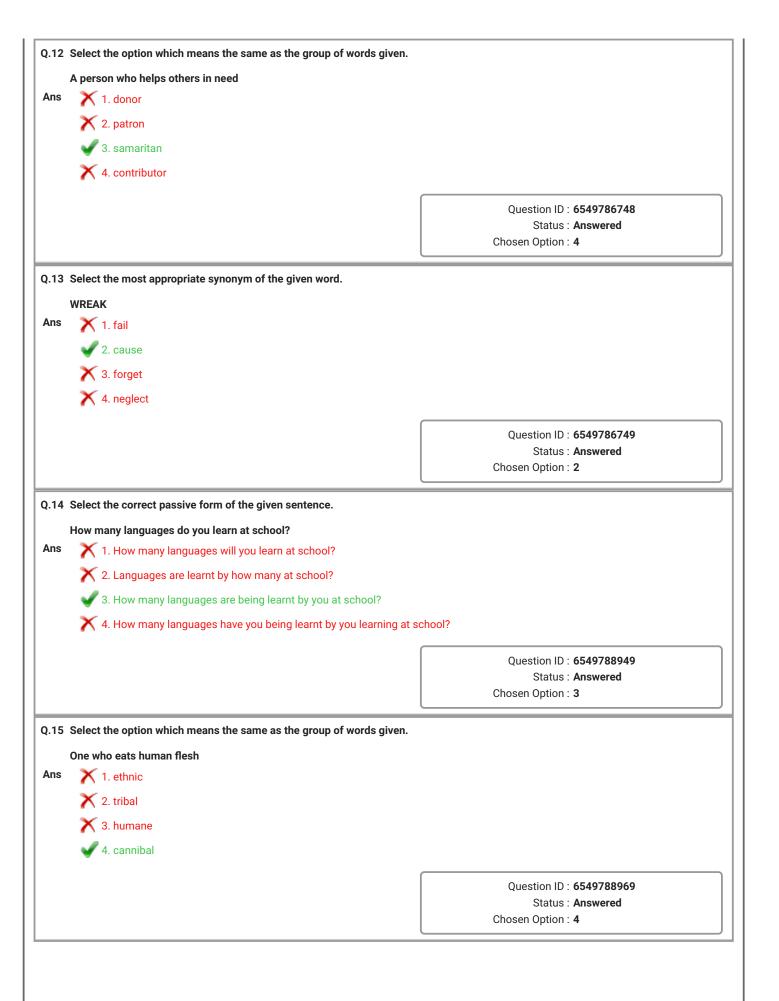
X 3. Always behaving like a mad person

X 4. Not following rules and conventions

Question ID : 6549788966 Status : Answered







Q.16 Select the correct indirect form of the given sentence. The chemist said to me, "I cannot take these medicines back as they are special medicines." Ans X 1. The chemist told me that he cannot take these medicines back as they are special medicines. 2. The chemist told me that he could not take those medicines back as they were special medicines. 💢 3. The chemist told me that I cannot take these medicines back as they are special medicines. X 4. The chemist told me that he could not take these medicines back as they are special medicines. Question ID: 6549786728 Status: Answered Chosen Option: 2 Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'. I would have told you if I receive the medicines. Ans X 1. No substitution 2. had received 3. would receive X 4. am receiving Question ID: 6549786740 Status: Answered Chosen Option: 2 Q.18 Select the most appropriate ANTONYM of the given word. **SURREPTITIOUS** Ans 🗙 1. lazy 2. open X 3. secret X 4. slow Question ID: 6549788964 Status: Answered Chosen Option: 2 Q.19 Select the most appropriate option to fill in the blank. Delhi University's new institution called School of Public Health will offer a \_\_\_\_\_ of programs. Ans X 1. scale 2. plethora 3. few X 4. branch Question ID: 6549788974 Status: Answered Chosen Option: 1

Q.20	20 Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'		
	Despite living in the same neighbourhood, we <u>only</u> did not greet each other.		
Ans	√ 1. still		
	× 2. mainly		
	X 3. even		
	X 4. No improvement		
		Question ID : 6549788961 Status : Answered	
		Chosen Option: 1	
	O-mark and inc		
	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 blank.		
	Nehru was a great patriot. He said, "I have received so (1) love and affection from the Indian people (2) nothing that I can do can repay (3) a small fraction of it, and		
	indeed there (4) be no repayment of the great affection my fellow c showered on (5)	ountrymen have	
	SubQuestion No : 21		
Q.21	Select the most appropriate option for blank no. 1.		
Ans	ns 🔀 1. many		
	X 2. more		
	X 3. little		
	4. much		
		Ouestion ID : <b>6549788954</b>	
		Status: Answered	
		Chosen Option : 4	
	Comprehension:		
	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.	with the help of the	
	Nehru was a great patriot. He said, "I have received so (1) love and affection from the Indian people (2) nothing that I can do can repay (3) a small fraction of it, and		
	indeed there (4) be no repayment of the great affection my fellow countrymen have showered on (5)		
	SubQuestion No: 22		
	Select the most appropriate option for blank no. 2.		
Ans			
	2. that		
	X 3. either		
	X 4. these		
		Question ID : <b>6549788955</b>	
		Status : <b>Answered</b>	
		Chosen Option : 3	

	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 blank.		
	Nehru was a great patriot. He said, "I have received so (1) love and affection from the Indian people (2) nothing that I can do can repay (3) a small fraction of it, and indeed there (4) be no repayment of the great affection my fellow countrymen have showered on (5)		
	SubQuestion No: 23		
Q.23	Select the most appropriate option for blank no. 3.		
Ans	X 1. either		
	× 2. only		
	3. even		
	-		
	X 4. mainly		
		Ouestion ID : <b>6549788956</b>	
		Status : Answered	
		Chosen Option : 3	
	Comprehension:		
	Comprehension: In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.	s with the help of the	
	In the following passage some words have been deleted. Fill in the blanks	affection from the fraction of it, and	
	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of the great affection my fe	affection from the fraction of it, and	
Q.24	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)	affection from the fraction of it, and	
Q.24 Ans	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24	affection from the fraction of it, and	
'	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24  Select the most appropriate option for blank no. 4.	affection from the fraction of it, and	
'	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24  Select the most appropriate option for blank no. 4.  1. should 2. ought 3. can	affection from the fraction of it, and	
'	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24  Select the most appropriate option for blank no. 4.  1. should 2. ought	affection from the fraction of it, and	
'	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24  Select the most appropriate option for blank no. 4.  1. should 2. ought 3. can	affection from the fraction of it, and countrymen have	
'	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24  Select the most appropriate option for blank no. 4.  1. should 2. ought 3. can	affection from the fraction of it, and countrymen have	
'	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank.  Nehru was a great patriot. He said, "I have received so (1) love and Indian people (2) nothing that I can do can repay (3) a small indeed there (4) be no repayment of the great affection my fellow of showered on (5)  SubQuestion No: 24  Select the most appropriate option for blank no. 4.  1. should 2. ought 3. can	affection from the fraction of it, and countrymen have	

# 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 blank. Nehru was a great patriot. He said, "I have received so (1) \_\_\_\_\_ love and affection from the Indian people (2) \_\_\_\_\_ nothing that I can do can repay (3) \_\_\_\_\_ a small fraction of it, and indeed there (4) \_\_\_\_\_ be no repayment of the great affection my fellow countrymen have showered on (5) \_\_\_\_ SubQuestion No: 25 Q.25 Select the most appropriate option for blank no. 5. X 2. mine

Question ID: 6549788958 Status: Answered

Chosen Option: 3

Section: General Intelligence

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

RUNZ: IGLC:: WZSE:?

Ans

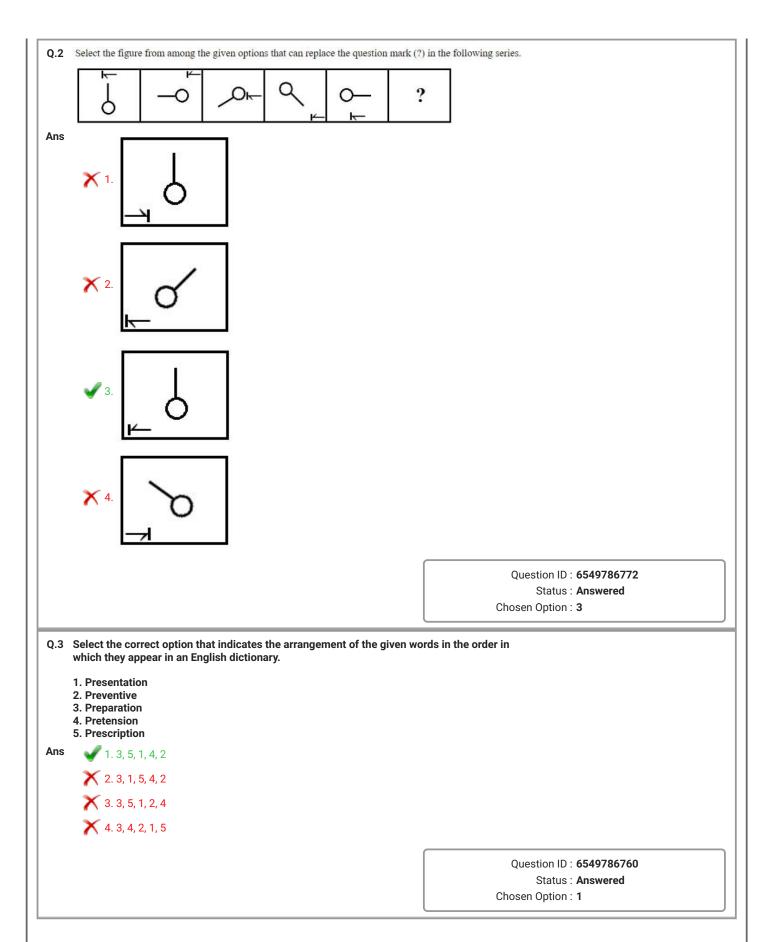
X 1. CAFZ

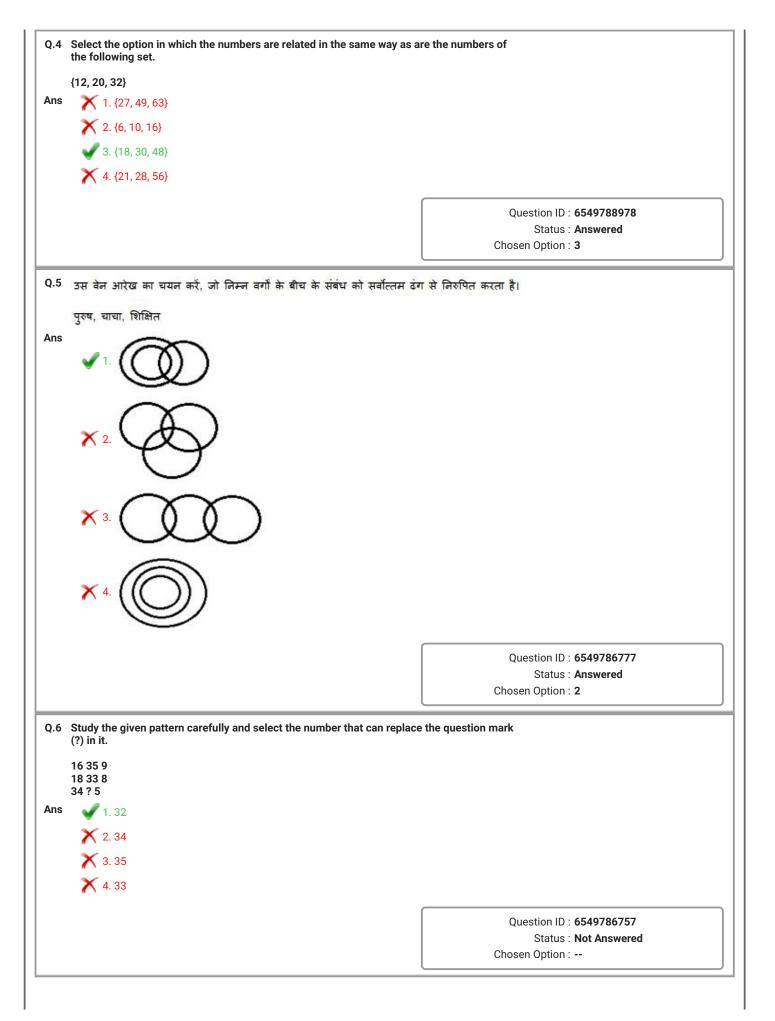
**X** 2. LJOG

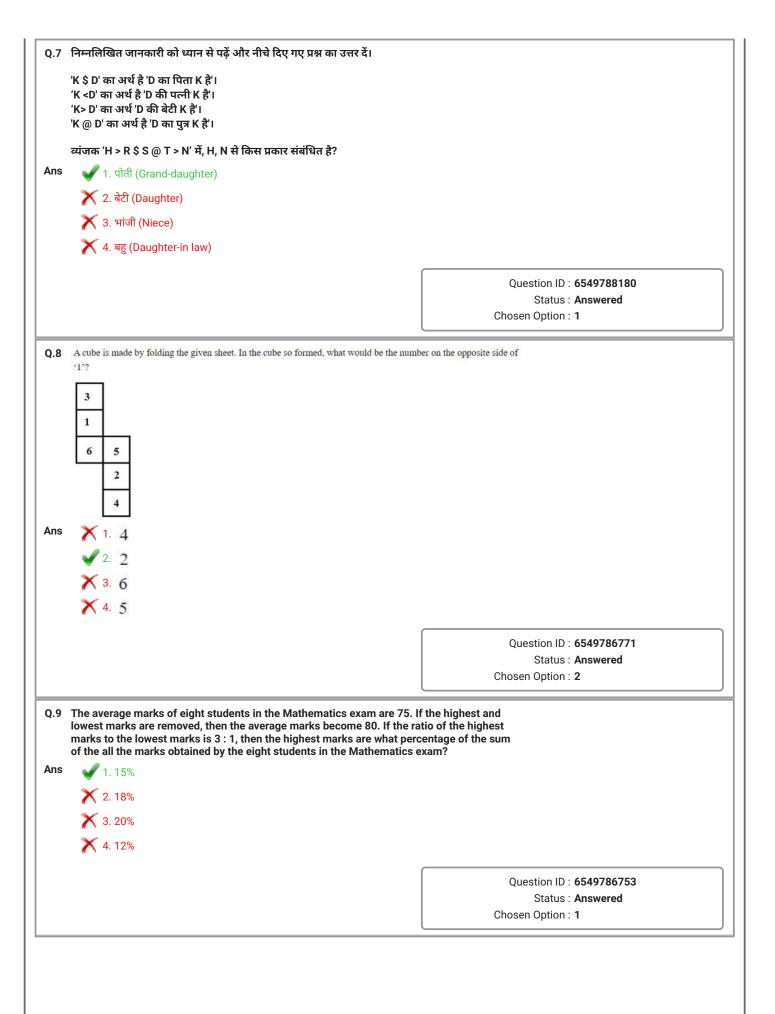
✓ 3. DBGX

X 4. DFAJ

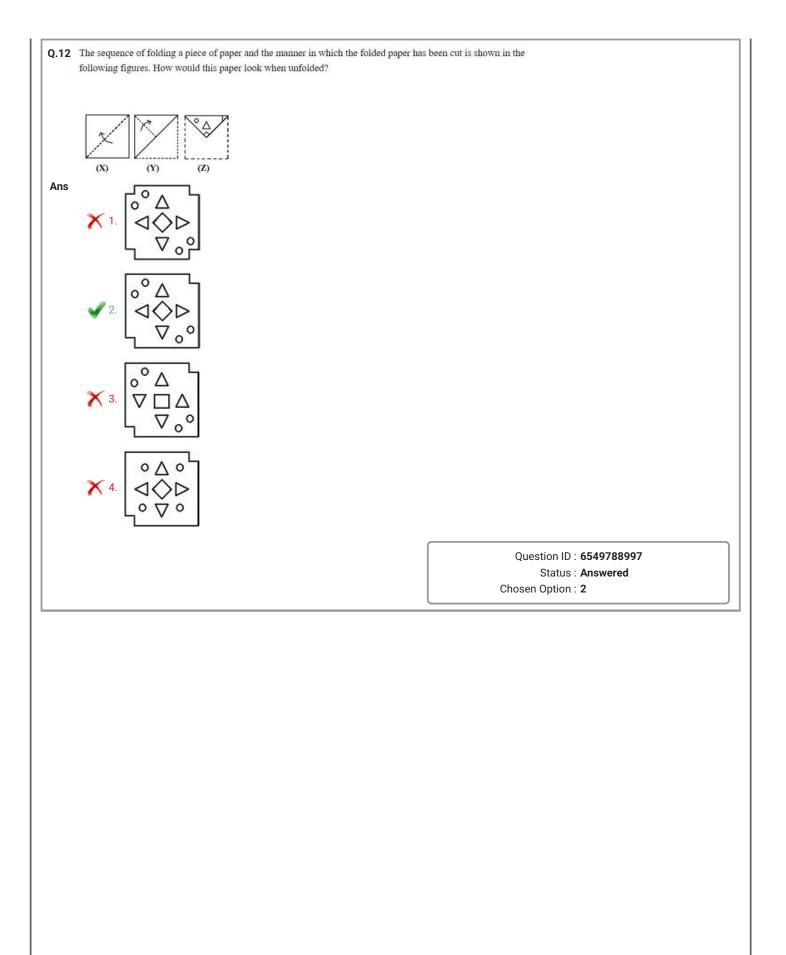
Question ID: 6549788985 Status: Marked For Review



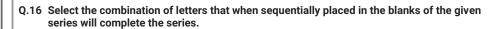




Q.10 Select the number from among the given options that can replace the question mark (?) in the following series. 7, 10, 18, 29, ?, 78 Ans 1. 54 Question ID: 6549788980 Status: Answered Chosen Option :  ${\bf 3}$ Q.11 In a certain code language, BIRTH is coded as 25129719 and DEVIL is coded as 23851215. How will GLORY be coded in that language? Ans 1. 21082519 3. 20181529 **X** 4. 25110928 Question ID: 6549786762 Status: Not Answered Chosen Option: --



Q.13 Select the option in which the given figure is embedded (rotation is NOT allowed). Ans Question ID: 6549788996 Status: Answered Chosen Option: 3 Q.14 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different Ans \chi 1. Violet 3. Orange 🖊 4. Black Question ID: 6549788991 Status: Answered Chosen Option: 4 Q.15 'Risk' is related to 'Hazard' in the same way as 'Absurd' is related to '\_\_\_\_\_'. Ans 1. Paranormal 2. Hypothetical 3. Immoral 4. Ridiculous Question ID: 6549788986 Status: Answered Chosen Option: 4



c\_temcp\_em\_pt\_\_

Ans



**X** 2. p e c t m

**X** 3. c t m e p

**X** 4. m p e t c

Question ID: 6549789805

Status: Answered

Chosen Option: 1

#### Q.17 उस विकल्प का चयन करें, जिसमें शब्द एक दूसरे से उसी प्रकार संबंधित हैं, जिस प्रकार वे दिए गए शब्द युग्म में एक दूसरे से संबंधित हैं।

जाम्बिया : लुसाका

Ans

\chi 1. कुवैत : सियोल



🗹 2. बहरीन : मनामा



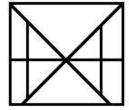
\chi 3. इज़राइल : तेहरान

🗙 ४. भूटान : ढाका

Question ID: 6549786767 Status: Answered

Chosen Option: 1

### Find the number of triangles in the given figure.



Ans

X 1. 14



X 3. 8

**4**. 12

Question ID: 6549786773

Status: Marked For Review

Ans **X** 1. 146 4. 378 Question ID: 6549786759 Status: Answered Chosen Option: 4 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 dogs are carnivores. All carnivores are animals. Some animals are tigers. **Conclusions:** I. Some tigers are dogs. II. Some carnivores are tigers. III. All dogs are animals. X 1. Only conclusion II follows. Ans 2. Only conclusions I and III follow. X 3. Only conclusion I follows. 4. None of the conclusions follow. Question ID: 6549788992 Status: Answered Chosen Option: 4 Q.21 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different. Ans 2. MQWT 3. FJPM 4. TXDB Question ID: 6549786768 Status: Answered Chosen Option: 4

Q.19 Four numbers have been given, out of which three are alike in some manner and one is

different. Select the number that is different.

Q.22 Which two signs should be interchanged to make the following equation correct?

 $6 + 12 \times 8 \div 16 - 12 = 8$ 

Ans

X 1. × and ÷

√ 2. ÷ and +

X 3. – and +

X 4. + and ×

Question ID: 6549788976

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.23 In a certain code language, RATIONALE is written as NOIELATAR. How will STATEMENT be written in that language?

Ans

✓ 1. METTNEATS

X 2. ETATNEMTS

X 3. METTAENST

X 4. EMTTNETAS

Question ID: 6549788983

Status : **Answered** 

Q.24 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

Ans

2.

3.

Question ID: 6549788998
Status: Answered

Chosen Option : 1

Q.25 Select the option that is related to the third number in the same way as the second number is related to the first number.

8:36::12:?

Ans

**X** 1. 80

2. 82

3 78

**X** 4. 79

Question ID: 6549786755 Status: Not Answered

Chosen Option: --

Section: Quantitative Aptitude

Q.1 If the nine-digit number 259876p05 is completely divisible by 11, then what is the value of  $(p^2 + 5)$ ?

Ans

X 1. 48

X 2. 45

**3**. 54

X 4. 50

Question ID : 6549786794 Status : Answered

Chosen Option : 3

Q.2 If 5 tan A = 12, then what is the value of  $\frac{13 \sin A + 20 \tan A}{15 \tan A - 13 \cos A}$ , where A is an acute angle?

Ans

 $\times$  1.  $\frac{31}{41}$ 

 $\times$  2.  $\frac{41}{50}$ 

× 3.  $1\frac{19}{41}$ 

 $\checkmark$  4.  $1\frac{29}{31}$ 

Question ID: 6549786797 Status: Answered

Chosen Option : 4

Q.3 The side QR of a triangle PQR is extended to a point S. If  $\angle PRS = 104^{\circ}$  and  $\angle RQP = \frac{3}{5} \angle QPR$ , then the value of  $\angle QPR$  is:

Ans

√ 1. 65°

X 2. 55°

X 3. 45°

X 4. 58°

Question ID: 6549786789

Status : Answered

Chosen Option : 1

Q.4 The value of 
$$56 \div [12 + 9 \div 3 - \{8 + (18 \text{ of } 2 \div 9) - (40 \div 5 \text{ of } 2)\}] + \frac{27 + \frac{2}{5} \text{ of } 75}{5 + \frac{2}{3} \times (58 - 37)}$$
 is:

Ans

X 1. 8

**2**. 11

**X** 3. −11

**X** 4. −8

Question ID: 6549789017

Status: Answered

Q.5 O is the centre of a circle of radius 9 cm. M is a point outside the circle and MN is a tangent to the circle. What is the length (in cm) of OM if the length MN is 12 cm?

Ans

X 1. 17

X 2. 12

**3**. 15

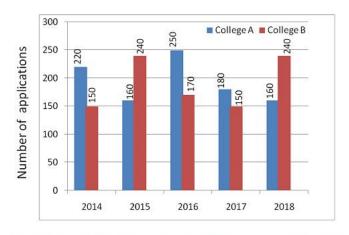
X 4. 21

Question ID: 6549786787 Status: Answered Chosen Option: 3

Q.6 Study the following bar graph and answer the question given below.

The bar graph represents the total number of applications received for B.Sc.

Mathematics by two different colleges A and B in 5 different years.



In 2015, out of the total number of applications received by colleges A and B together, only 60% were accepted. What were the total number of applications accepted by colleges A and B together in 2015?

Ans

X 1. 250

X 2. 260

**3**. 240

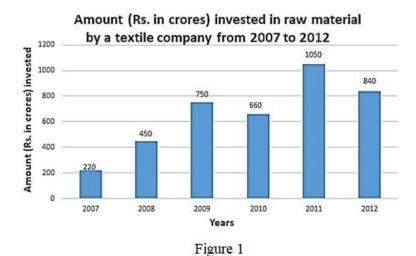
X 4. 180

Question ID: 6549789021

Status : **Answered** 

Q.7 Study the given bar graphs and answer the question that follows.

The bar graphs represent the amount invested in raw materials (in ₹ crore) and the sale of the products, by a textile company in the years 2007–2012. The X-axis represents the years. The Y-axis represents the amount invested in raw materials (in ₹ crore) in figure 1 and sale of products in figure 2, respectively.



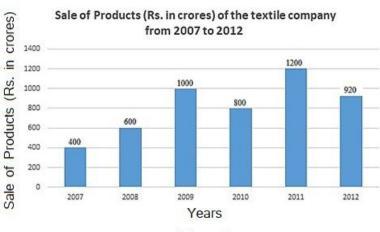


Figure 2

In 2011, the sale of products had increased by certain percentage with respect to the previous year. In 2012, by what percent should the sale of products increase from its present value so that it shows the same percent increase as had been shown in 2011?

Ans

X 1. 94

X 2. 98

**3**. 96

X 4. 95

Question ID : 6549786802 Status : Not Answered Chosen Option : -- If  $\sin^2 x = 3\cos^2 x$  and  $0^\circ \le x \le 90^\circ$ , then what is the value of  $\frac{x}{2}$ ?

Ans

X 1. 22.5°

X 2. 45°

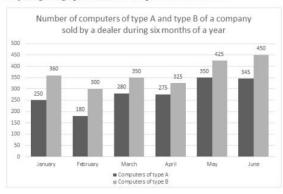
X 3. 15°

√ 4. 30°

Question ID : **6549789020** Status : **Answered** 

Chosen Option: 4

Q.9 Study the given graph and answer the question that follows.



The average number of computers of type B sold in January, February and June exceeds by 20 the number of computers of type A sold in:

Ans

X 1 March

X 2. April

X 3. June

🗸 4. May

Question ID : 6549786497 Status : Answered

Chosen Option: 4

Q.10 A man invested ₹2,400 at 5% and ₹5,400 at 9% simple interest. What amount (in ₹) will he get from his investments after 6 years?

Ans

X 1. 45,600

× 2. 31,200

X 3. 83,136

4. 11,436

Question ID : 6549786786 Status : Answered

If  $a = \frac{\sqrt{5}+2}{\sqrt{5}-2}$  and  $b = \frac{\sqrt{5}-2}{\sqrt{5}+2}$ , then the value of  $2a^2 + 2b^2 - 5ab$  is equal to:

Ans X 1. 693

X 2. 649

X 3. 635

**4**. 639

Question ID: 6549789015

Status: Answered

Chosen Option: 4

The value of  $a^3 + b^3 + c^3 - 3abc$ , when a = 125, b = 127 and c = 129, is:

Ans

X 1. 4725

**√** 2. 4572

X 3. 4752

X 4. 3752

Ouestion ID: 6549789014

Status: Answered

Chosen Option: 2

Q.13 The marked price of a table is ₹3,000, which is 25% above the cost price. It is sold at a discount of 20% on the marked price. What is the profit or loss per cent?

Ans

X 1 Loss, 5%

X 2. Profit, 10%

X 3. Profit, 15%

4. No profit, no loss

Question ID: 6549789004

Status: Answered

Chosen Option: 4

Q.14 △ ABC is drawn in a circle such that AC = BC and ∠BAC = 65°. From points B and C two tangents are drawn which intersect at point P. What is the measure of ∠BPC?

Ans

X 1. 52.5°

√ 2. 50°

X 3. 55°

X 4. 32.5°

Question ID: 6549789010

Status: Answered

If cosec A = 10, then what is the value of 20 sin A +  $9\sqrt{11}$  sec A? Given that A is an acute angle. X 1. 23 X 2. 34 **3**. 32 X 4. 30 Question ID: 6549789018 Status: Answered Chosen Option: 3 Q.16 The daily wages of P, Q and R are in the proportion 5:7:8. If Q earns ₹560 per day, then what are the daily wages (in ₹) of R and P, respectively? X 1 400 and 640 X 2. 350 and 590 √ 3. 640 and 400 X 4. 590 and 350 Ouestion ID: 6549786785 Status: Answered Chosen Option: 1 The area of an equilateral triangle is  $10.24\sqrt{3} \ m^2$ . Its perimeter (in m) is: Ans X 1. 3.2 X 2. 9.6 X 3. 6.4 **4**. 19.2 Ouestion ID: 6549789012 Status: Answered Chosen Option: 4 Q.18 The square of the diagonal of a cube is  $2175 \text{ cm}^2$ . What is the total surface area (in cm<sup>2</sup>) of the cube? Ans X 1. 4305 X 2. 4272 X 3. 4530 4. 4350 Question ID: 6549789002 Status: Answered Chosen Option: 4

Q.19 A shopkeeper bought 95 dozen oranges at ₹4.50 each. 7 dozen oranges were rotten and so were discarded. He sold the remaining oranges at ₹78 per dozen. What is his profit or loss per cent (to the nearest integer)? Ans 1 Profit, 45% ✓ 2. Profit, 34% X 3. Loss, 34% X 4. Loss, 45% Question ID: 6549789006 Status: Marked For Review Chosen Option: 1 Q.20 The average age of 7 members of a family is 35 years. If the youngest members are twins and they are 15 years old, then what was the average age (in years) of the family members at the time of the birth of the twins? Ans 1. 28 X 2. 27 X 3. 30 X 4. 25 Question ID: 6549786781 Status: Answered Chosen Option: 1 If (7x - 10y) = 8 and xy = 5, then what is the value of  $49x^2 + 100y^2$ ? **1.** 764 X 2. 632 X 3. 623 X 4. 746 Question ID: 6549786791 Status: Answered Chosen Option: 1 Q.22 A and B can complete a piece of work in 27 days and 54 days, respectively. They completed the work in 9 days with the help of C. How many days will C take to complete eight-ninths of the work alone?

Ans

**1.** 16

X 2. 24

X 3. 30

X 4. 45

Question ID : 6549789000 Status : Answered

Q.23 A's salary is 15% less than B's salary. B's salary is 30% less than C's salary. By how much percent approximately, is C's salary more than A's salary?

Ans

1. 68

X 2. 45

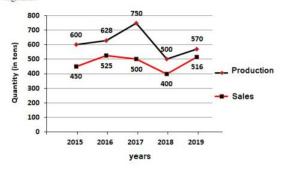
X 3. 75

X 4. 40

Question ID : **6549786783**Status : **Answered**Chosen Option : **1** 

Q.24 The line graph shows the production (in tonnes) and the sales (in tonnes) of a company.

What is the ratio of the production of the company in 2015 and 2016 taken together to the sales in 2017 and 2019 taken together?



Ans

X 1. 195:214

X 2. 307:330

X 3. 307: 229

4. 307 : 254

Question ID : **6549789426** Status : **Answered** 

Chosen Option: 4

Q.25 A train, 500 m long, passes a railway platform 400 m long, in one minute with uniform speed. What is the time (in seconds) taken by the train to pass a man riding a motorbike, travelling opposite to the direction of the train, at a speed of 18 km/h<sup>2</sup>

Ans

X 1. 30

X 2. 48

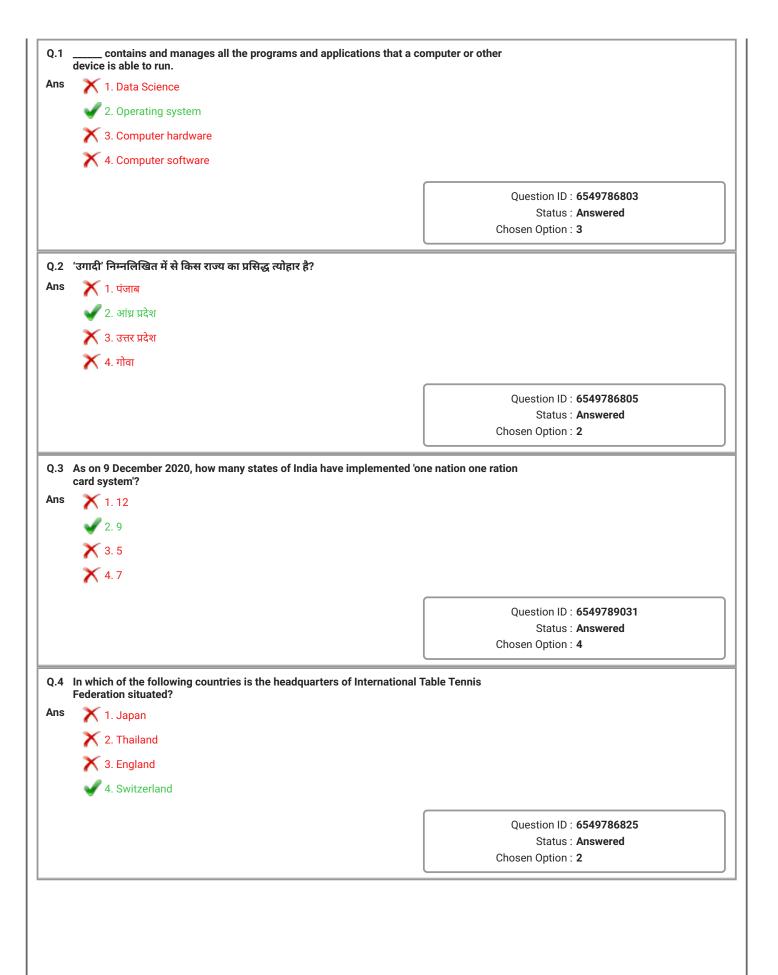
X 3. 54

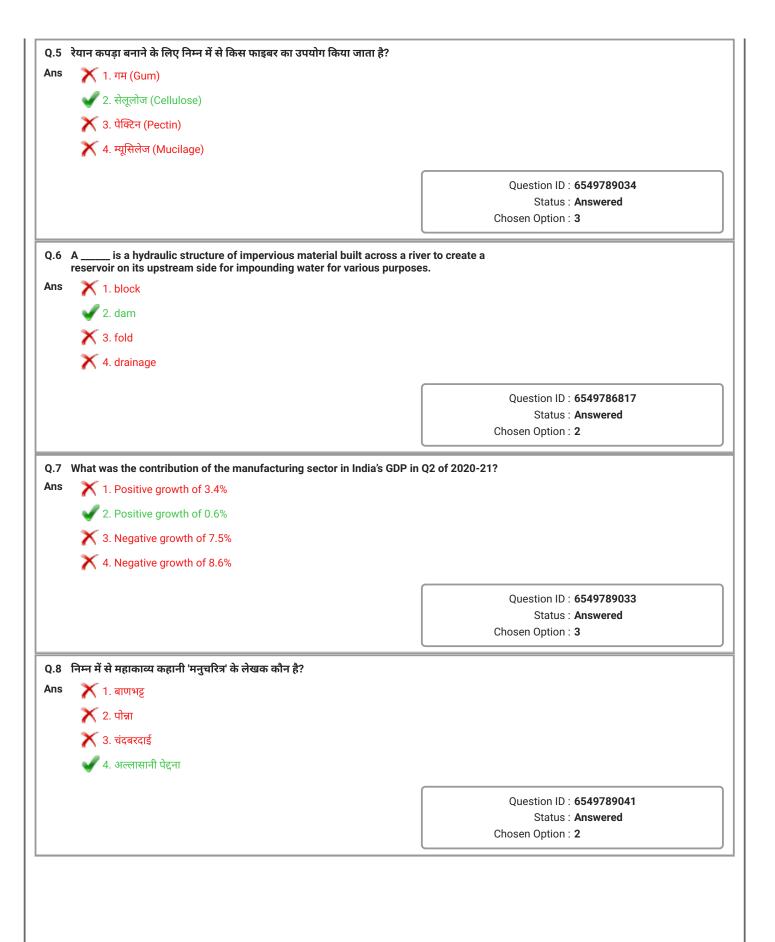
**4**. 25

Question ID : **6549786779** Status : **Answered** 

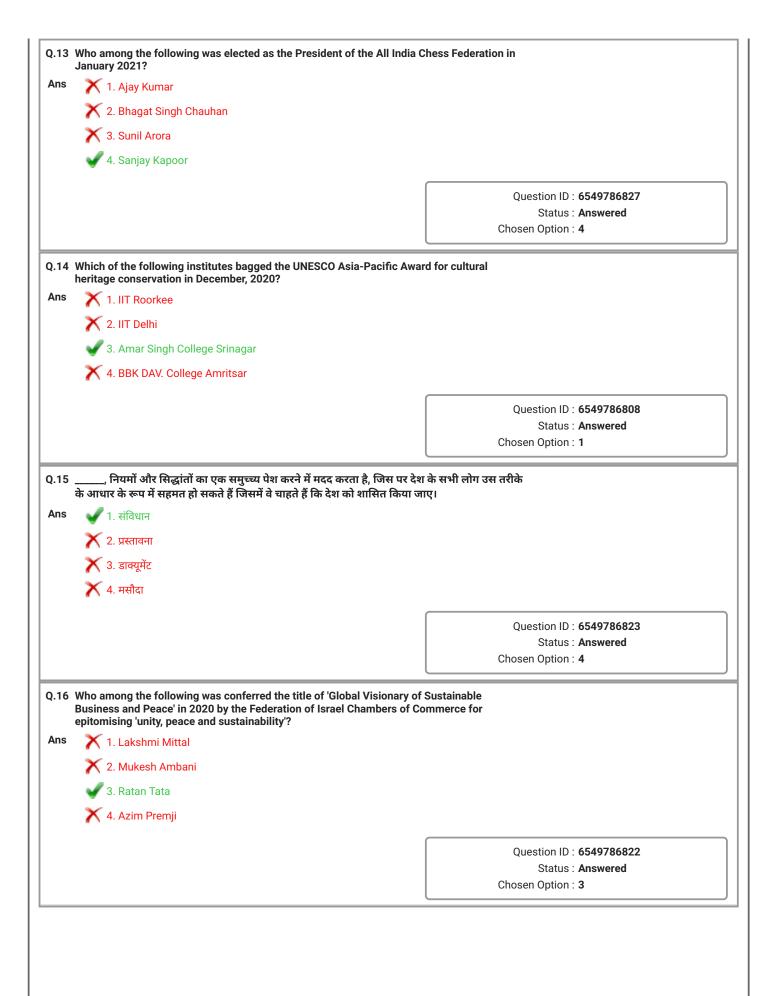
Chosen Option: 4

Section: General Awareness

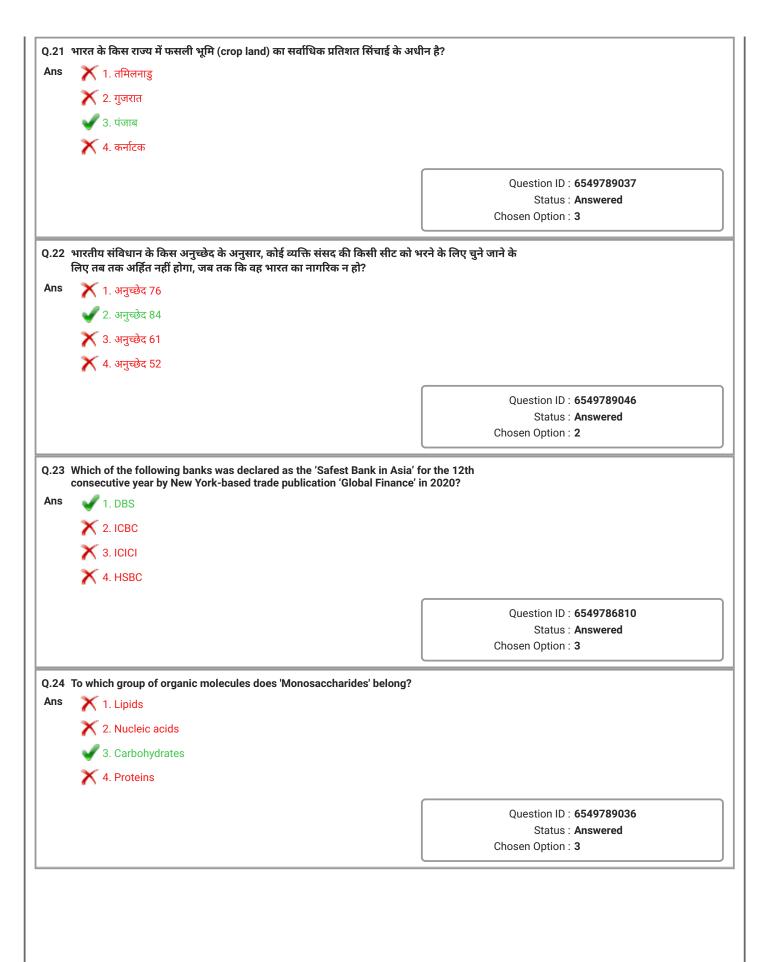




Q.9	Q.9 वर्ष 2020 में, ग्रामीण परिवारों में 100% पाइप युक्त नल जल उपलब्ध कराने वाला पहला राज्य बन गया।	
Ans	🗙 1. मिजोरम	
	🗙 2. केरल	
	🗙 3. सिक्किम	
	<b>√</b> 4. गोवा	
		Question ID : 6549789038 Status : Answered
		Chosen Option: 2
Q.10 Ans	What is the keyboard shortcut to add a new row above a given row in Mio $1$ . Alt + I + R	crosoft Excel?
	X 3. Shift + Spacebar	
	★ 4. Shift + I + R	
		Question ID : <b>6549789026</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
	निम्नलिखित में से किसने 1990 में धोलावीरा में खुदाई शुरू की थी?	
Ans	🗙 1. एस.आर. राव	
	🗸 2. आर.एस. बिष्ट	
	🗙 3. आर.डी. बनर्जी	
	🗙 ४. एम.एस. वत्स	
		Question ID : <b>6549786820</b>
		Status : Answered
		Chosen Option : 1
	Q.12 The minimum paid up equity capital to set up a small finance bank should be of, as proposed by RBI as of May 2020.	
Ans	X 1.100 crores	
	X 2. 300 crores	
	√ 3. 200 crores	
	X 4. 75 crores	
		Question ID : <b>6549786807</b>
		Status : <b>Answered</b>
		Chosen Option : 2



	Sur Sarovar, also known as Keetham Lake, is a man-made reservoir. I following years was it added in the list of Ramsar Sites?	in which of the
Ans	X 1.1992	
	<b>✓</b> 2. 2020	
	× 3. 2015	
	<b>×</b> 4. 1998	
		0 11 15 17 17 17 17 17 17 17 17 17 17 17 17 17
		Question ID : 6549786818 Status : Answered
		Chosen Option : 2
0.18	लोकनाट्य 'भांडपाथेर (Bhand Pather)' निम्न में से किस राज्य की नृत्य शैली है?	
Ans	🔀 1. गोवा	
	🗸 2. कश्मीर	
	🗙 3. हरियाणा	
	🗙 ४. सिक्किम	
		Question ID: 6549789028
		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.19	CSIR as an autonomous body is the largest research and developmer What does CSIR stands for?	nt organisation in India.
Ans	1. Council of Scientific and Industrial Research	
	2. Council of Space and Industrial Research	
	3. Centre of Space and Industrial Research	
	X 4. Chamber of States and Industrial Research	
		Question ID : 6549786813
		Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.20	Which doctor of Indian origin was honoured with 'Great Immigrants-2	2020' in the US?
Ans	1. Ashok Rajgopal	
	X 2. Mayur Lakhani	
	3. Siddhartha Mukherjee	
	🔀 4. Kiran C Patel	
		Ougotion ID : 6540790042
		Question ID : 6549789043 Status : Answered



Q.25 Who among the following won the 2002 International Shooting Sport Federation (ISSF) Champion of Champions combined-air-rifle event to become the first Indian to win that competition?

Ans



X 2. Manu Bhaker

X 3. Rahi Sarnobat

X 4. Anisa Sayyed

Question ID : **6549789048** Status : **Answered** 

## **Combined Higher Secondary Level Examination 2020 (Tier-I)**

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section: English Language

Q.1 Select the most appropriate ANTONYM of the given word.

**Traditional** 

Ans

X 1. Earthly

\chi 2. Customary

3. Modern

X 4. Conventional

Question ID: 6549787448
Status: Answered

Chosen Option: 3

Q.2 Select the option which means the same as the group of words given.

A hunting weapon which comes back, used by Australian Aborigines

Ans

X 1. harpoon

X 2. cutlass

X 3. slingshot

4. boomerang

Question ID: 6549788464 Status: Not Answered

Chosen Option: --

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It would be / more better if / she sang / with an orchestra.

Ans

1. more better if

\chi 2. she sang

X 3. with an orchestra

X 4. It would be

Question ID: 6549787436 Status: Answered

Q.4 Select the option that expresses the given sentence in reported speech. "Our teacher returned from Mumbai last month", she said. Ans X 1. She said that her teacher had returned from Mumbai the earlier month. 2. Her teacher returned from Mumbai last month, she said. 3. She said that their teacher had returned from Mumbai the previous month. X 4. She said that her teacher had returned from Mumbai the previous month. Ouestion ID: 6549787435 Status: Answered Chosen Option: 4 Q.5 Select the correct passive form of the given sentence. In the evening we water the plants. Ans 1. The plants will be watered in the evening. 2. The plants are watered in the evening. X 3. The plants have been watered in the evening. X 4. The plants were watered in the evening. Question ID: 6549788444 Status: Answered Chosen Option: 2 Q.6 Select the option that can be used as a one-word substitute for the given group of words. Causing a strong dislike Ans X 1. Redundant 2. Repulsive X 3. Hateful X 4. Revealing Question ID: 6549787455 Status: Answered Chosen Option: 2 Select the most appropriate option to substitute the underlined segment in the given Q.7 sentence. If there is no need to substitute it, select 'No substitution'. Mr. Sharma is kind as his father. Ans 1. as kind as X 2. No substitution X 3. the kindest as X 4. kinder as Ouestion ID: 6549788456 Status: Answered Chosen Option: 1

Q.8 Select the most appropriate meaning of the given idiom.

#### Not one's cup of tea

Ans

1. Not absolutely true



2. Not according to one's interest



3. Beyond one's comprehension



X 4. Of no concern for someone

Ouestion ID: 6549788461 Status: Answered Chosen Option: 3

Given below are four jumbled sentences. Out of the given options, pick the one that gives Q.9 their correct order.

- A. The man who had caught me was a dreadful sight.
- B. Suddenly I was picked up, whirled through the air, and made to sit on a tombstone.
- C. He was about forty years old, hard-faced and fierce.
- D. I was only a child, and small for my age.

Ans

1. CBAD



2. BACD



3. DBAC

X 4. DCBA

Question ID: 6549788455 Status: Answered Chosen Option: 2

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 whole area has been designed like a garden from Alice in Wonderland.
- B. It's about having fun and learning, too; all the activities help to explain the modern world of technology to the young visitors.
- C. But 'The World of Children' isn't just about playing games and having joy rides.
- D. There are several different attractions in this vast area and there is a lot to see and do.

Ans

1. DACB



2. BCDA

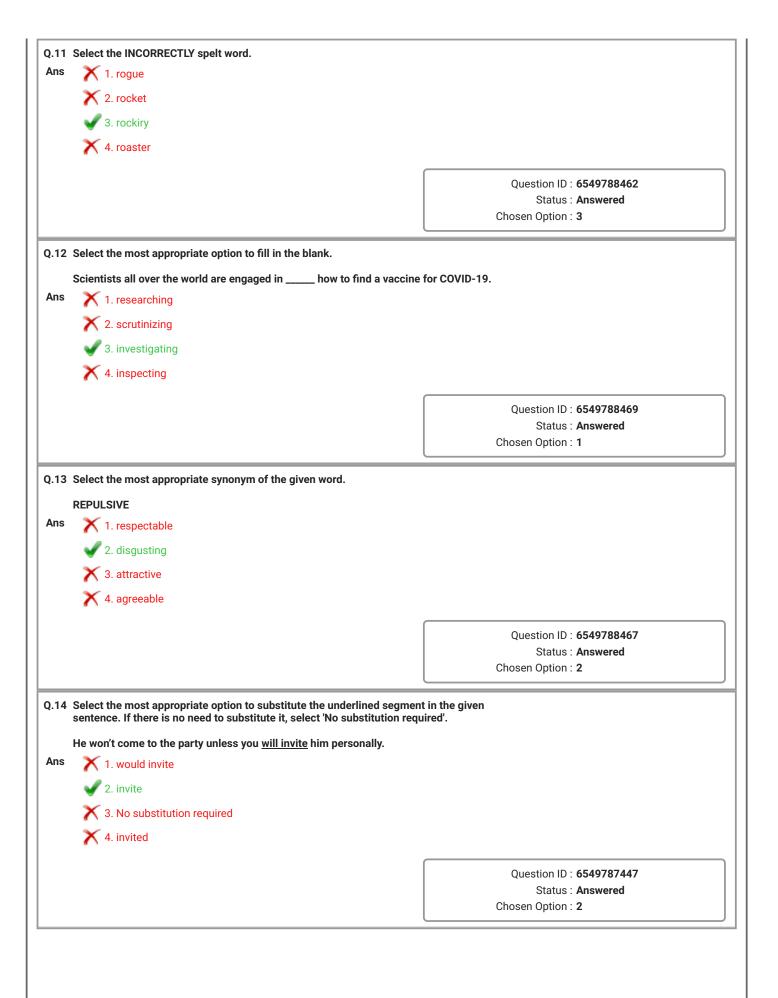


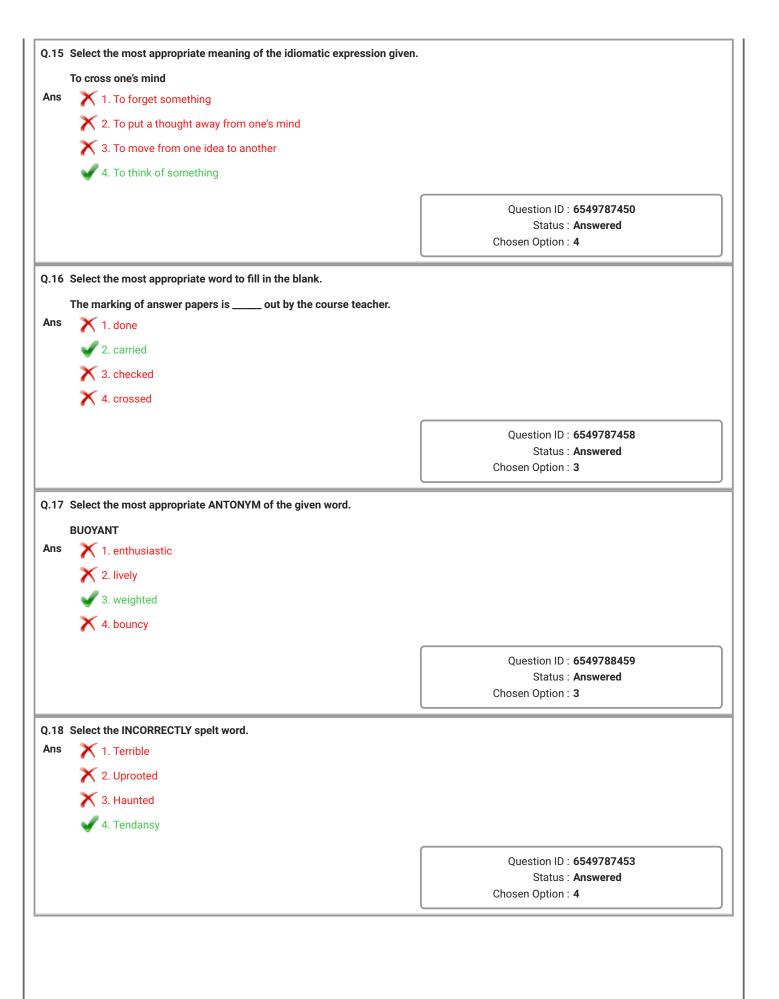
X 3. CBDA

X 4. ADBC

Question ID: 6549787444

Status: Answered





Q.19 In the given sentence, identify the segment which contains the grammatical error. Cyclone Amphan roared into West Bengal on Wednesday leave behind a trail of devastation across a large area of the State. Ans 1. leave behind X 2. a trail of devastation X 3. roared into West Bengal X 4. across a large area Question ID: 6549788447 Status: Answered Chosen Option: 1 Q.20 Select the most appropriate synonym of the given word. Ban Ans 🗙 1. Ascertain 2. Prohibit 🗙 3. Abandon X 4. Band Question ID: 6549787456 Status: Answered Chosen Option: 2 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 blank. Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)\_\_\_\_\_ books. Crime stories, ghost stories, and thrillers. (2)\_\_\_\_\_ had to buy at least five at a time to last him (3)\_\_\_\_\_ the week. He lived alone, was not a good mixer, had few (4)\_\_\_\_\_, and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)\_\_\_\_\_ that somebody was observing him from close quarters. SubQuestion No: 21 Q.21 Select the most appropriate option for blank no. 1. Ans 2. bought Question ID: 6549788449 Status: Answered Chosen Option: 3

#### 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 blank.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)\_\_\_\_\_\_ books. Crime stories, ghost stories, and thrillers. (2)\_\_\_\_\_ had to buy at least five at a time to last him (3)\_\_\_\_\_ the week. He lived alone, was not a good mixer, had few (4)\_\_\_\_\_ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)\_\_\_\_\_ that somebody was observing him from close quarters.

#### SubQuestion No: 22

Q.22 Select the most appropriate option for blank no. 2.

Δns

X 1. The

**√** 2. He

🗶 a Llim

X 4. Sh

Question ID: 6549788450

Status: Answered

Chosen Option: 2

#### 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 blank.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)\_\_\_\_\_ books. Crime stories, ghost stories, and thrillers. (2)\_\_\_\_ had to buy at least five at a time to last him (3)\_\_\_\_ the week. He lived alone, was not a good mixer, had few (4)\_\_\_\_ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)\_\_\_\_ that somebody was observing him from close quarters.

#### SubQuestion No: 23

Q.23 Select the most appropriate option for blank no. 3.

Ans

🔨 1. withii

2. through

X 3, across

X 4. by

Question ID : **6549788451**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 blank.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)\_\_\_\_\_\_ books. Crime stories, ghost stories, and thrillers. (2)\_\_\_\_\_ had to buy at least five at a time to last him (3)\_\_\_\_\_ the week. He lived alone, was not a good mixer, had few (4)\_\_\_\_\_ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)\_\_\_\_\_ that somebody was observing him from close quarters.

#### SubQuestion No: 24

Q.24 Select the most appropriate option for blank no. 4.

Δns

1. friends

X 2. students

X 3. servants

X 4. followers

Question ID: 6549788452

Status : Answered

Chosen Option: 1

#### 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 blank.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)\_\_\_\_\_ books. Crime stories, ghost stories, and thrillers. (2)\_\_\_\_ had to buy at least five at a time to last him (3)\_\_\_\_ the week. He lived alone, was not a good mixer, had few (4)\_\_\_\_ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)\_\_\_\_ that somebody was observing him from close quarters.

#### SubQuestion No: 25

Q.25 Select the most appropriate option for blank no. 5.

Ans

📉 1. intuition

X 2. connotation

3. feeling

X 4. perception

Question ID : 6549788453 Status : Answered

Chosen Option: 1

Section : General Intelligence

Q.1 Select the set of classes the relationship among which is best illustrated by the following Venn diagram. X 1. Owls, Mammals, Reptiles × 2. Stationery, Pens, Pencils ✓ 3. Doctors, Fathers, Brothers X 4. Mothers, Engineers, Women Question ID: 6549787484 Status: Answered Chosen Option: 3 Q.2 Select the option in which the numbers are related in the same way as are the numbers of the following set. (2, 3, 62)Ans 1. (8, 5, 225) 2. (7, 4, 226) **X** 3. (5, 9, 288) **X** 4. (6, 4, 122) Question ID: 6549787464 Status: Not Answered Chosen Option: --Q.3 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the opposite side of 'K'? **√** 3. N X 4. O Question ID: 6549787478 Status: Answered Chosen Option: 3

Q.4 Select the option in which the numbers in the set share the same relationship as that shared by the numbers of the given set.

(14, 18, 42)

Ans

- 1. (16, 21, 56)
- 2. (22, 18, 74)
- **X** 3. (20, 15, 100)
- **X** 4. (40, 23, 94)

Question ID: 6549788473 Status: Answered

Chosen Option: 1

Q.5 Select the correct combination of mathematical signs to sequentially replace the \* signs to balance the following equation.

40 \* 15 \* 3 \* 72 \* 9 = 77

Ans

- **X** 1. ×, ÷, +, −, =
- × 2. +, ÷, -, ×, =
- **√** 3. +, ×, −, ÷, =
- **X** 4. +, ×, ÷, -, =

Question ID: 6549788471

Status : Answered

Chosen Option: 3

Q.6 Three of the following four words are alike in a certain way and one is different. Select the odd one.

Ans

- \chi 1. Heart
- X 2. Lungs
- 3. Nose
- X 4. Liver

Question ID: 6549788486

Status: Answered

Chosen Option: 3

- Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
  - 1. Industry
  - 2. Indent
  - 3. Indoor
  - 4. Indolent
  - 5. Index

Ans

- **X** 1. 2, 1, 3, 5, 4
- **2**. 2, 5, 4, 3, 1
- **X** 3. 2, 4, 5, 3, 1
- **X** 4. 1, 2, 3, 5, 4

Question ID: 6549787467

Status: Answered

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

 $ck_gkc_t_k_ktg_ck_gk$ 

Ans

1. t, k, g, c, k, t

2. t, k, g, c, c, t

X 3. t, g, k, c, k, t

X 4. t, k, c, g, k, t

Question ID: 6549786664

Status: Answered

Chosen Option: 1

Q.9 Select the correct mirror image of the given figure when a mirror is placed on the right side of the figure.



Ans



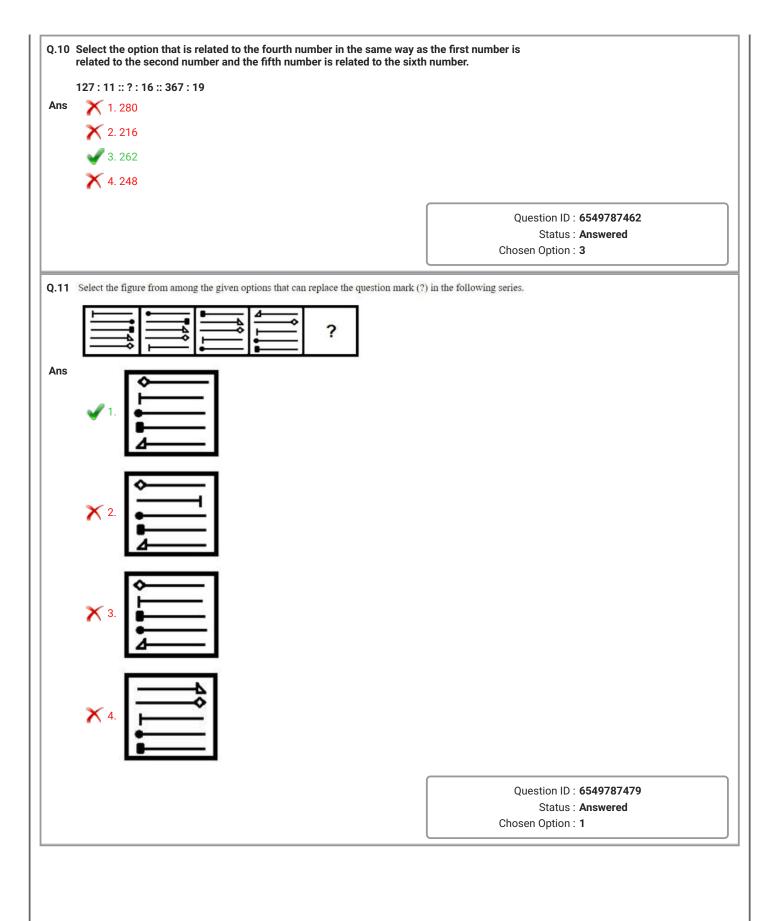


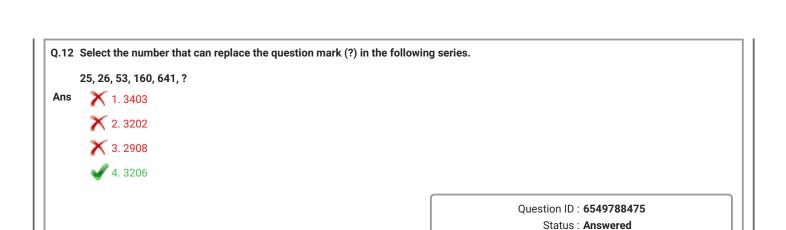




Question ID: 6549788493

Status: Answered





Q.13 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans









Question ID: 6549787475 Status: Answered Chosen Option: 3

Chosen Option: 4

Q.14 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

AZW:GFC::LSM:?

Ans

**1. RXY** 

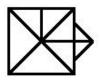






Question ID: 6549788480 Status: Answered Chosen Option: 3

Q.15 How many triangles are there in the given figure?



Ans

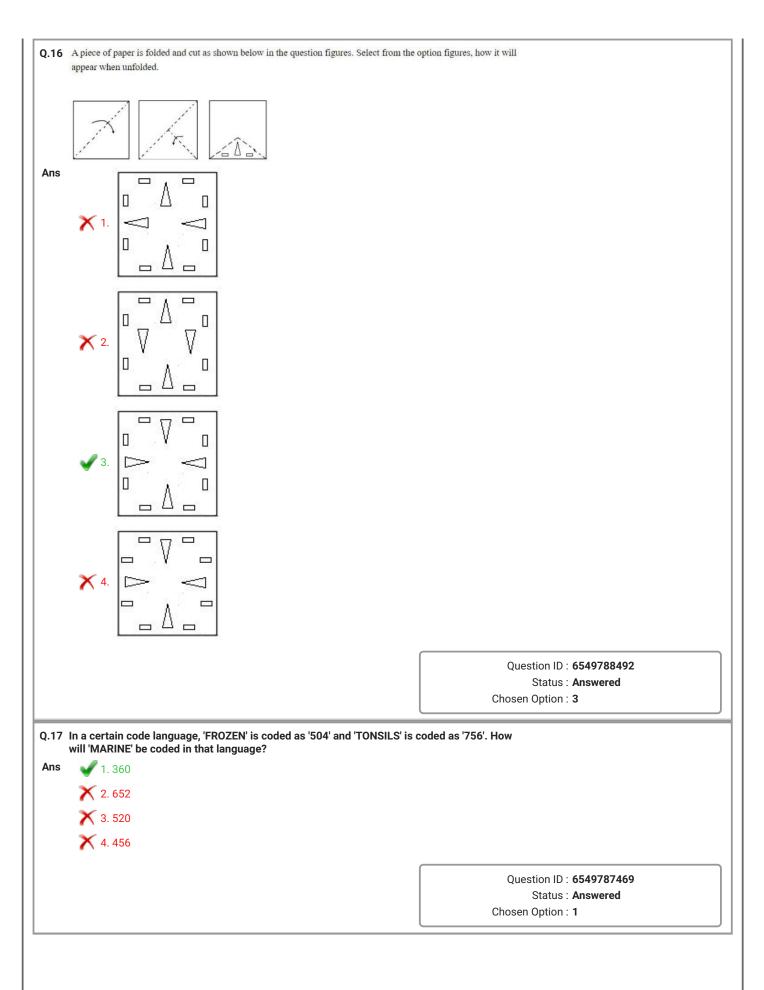


× 2. 17

X 3. 16

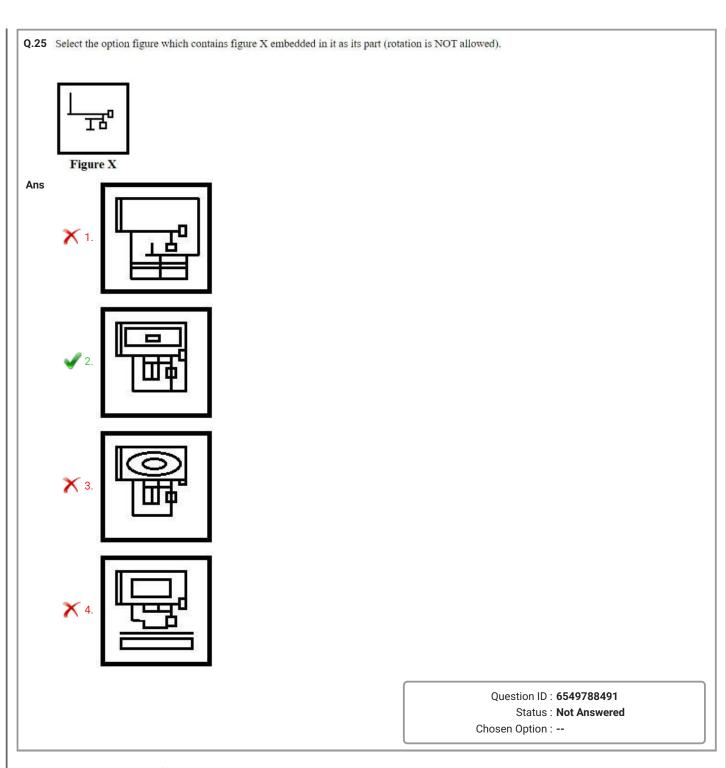
X 4. 14

Question ID : **6549787480** Status : **Answered** 



Q.18	Q.18 In a code language, TOUCH is written as UTOHC. How will PLANT be written in that language?		
Ans	5 X 1. QMBOU		
	× 2. TPANM		
	X 3. ALRPT		
	✓ 4. TPNLA		
		Question ID : <b>6549788478</b> Status : <b>Answered</b>	
		Chosen Option: 4	
Q.19	Two 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 field is a house. All fields are parks.		
	Conclusions: I. No house is a field. II. Some parks are fields. III. Some houses are fields.		
Ans	X 1. Only conclusion II follows		
	× 2. All the conclusions follow		
	X 3. Only conclusions II and III follow		
	4. Only conclusions I and II follow		
		Question ID : <b>6549788487</b> Status : <b>Answered</b>	
		Chosen Option : 4	
Q.20	Four number-pairs have been given, out of which three are alike in some different. Select the number-pair that is different.	manner and one is	
Ans	X 1.7:63		
	× 2. 5:35		
	<b>X</b> 3. 13 : 195		
	√ 4. 19 : 324		
		Question ID : <b>6549787466</b> Status : <b>Answered</b>	
		Chosen Option : 4	
		·	

Q.21	.21 In a class of 68 students, 34 students participated only in Debate and 8 students participated in both Quiz and Debate. If every student of the class has participated in at least one of these two competitions, how many students participated in Quiz?		
Ans	× 1.26	incipated in Quiz.	
	<b>√</b> 2.34		
	× 3.30		
	4. 22		
		Question ID : <b>6549787460</b>	
		Status : <b>Answered</b>	
		Chosen Option : 2	
Q.22 If 'A & B' means 'A is the father of B' and 'A @ B' means 'A is the sister of B', then which of the following expressions means 'H is the father of M'?			
Ans	<b>X</b> 1. K & H @ P @ M		
	<b>X</b> 2. M & K @ P @ H		
	√ 3. H & K @ P @ M		
	<b>X</b> 4. H @ K @ P & M		
		Question ID: 6549787675	
		Status: Not Answered	
		Chosen Option :	
Ans	pair of words.  Astronomy: Stars  1. Seismology: Theatre  2. Psychology: Cells  3. Numismatics: Coins		
	X 4. Philology : Texture		
		Question ID : <b>6549787474</b>	
		Status : Answered	
		Chosen Option : 3	
Q.24 'East' is related to 'Direction' in the same way as 'Summer' is related to ''.  Ans  1. Season			
	× 2. Room Cooler		
	X 3. Heat		
	X 4. Temperature		
	4. Temperature		



Section : Quantitative Aptitude

Q.1 24% of Reena's salary is equal to 38% of Sunita's salary. Veena's salary is two-third of the total salary of Reena and Sunita. If Veena's salary is ₹62,000, then Sunita's salary is:

Ans

X 1. ₹35,000

**X** 2. ₹32,000

**X** 3. ₹38,000

**√** 4. ₹36,000

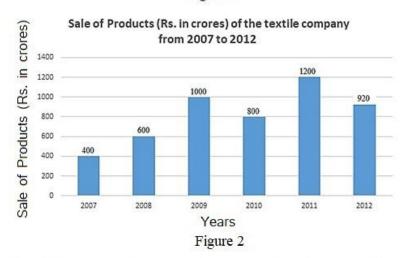
Question ID : **6549787490** Status : **Answered** 

Q.2 Study the given bar graphs and answer the question that follows.

The bar graphs represent the amount invested in raw materials (in ₹ crore) and the sale of the products, by a textile company in the years 2007–2012. The X-axis represents the years. The Y-axis represents the amount invested in raw materials (in ₹ crore) in figure 1 and sale of products in figure 2, respectively.



Figure 1



In which year was there a maximum percentage increase in the sales of products as compared to the previous year?

Ans

X 1. 2008

X 2. 2010

**3**. 2009

X 4. 2011

Question ID: 6549786801 Status: Answered

Q.3	A man invests an amount of ₹1,05,750 at simple interest in the name of his son, daughter and his wife in such a way that they get the same interest after 3, 4 and 5 years, respectively. If the rate of interest is 5% per annum, then the amount invested for the wife is:
Ans	<b>√</b> 1. ₹27,000

× 2. ₹28,000 × 3. ₹25,000

**X** 4. ₹30,000

Question ID : 6549787493 Status : Not Answered

Chosen Option: --

Q.4 If a triangle ABC is right-angled at A, then what is the value of  $sin \frac{B+C}{2} cos \frac{B+C}{2}$ ?

Ans

 $x 1. \frac{\sqrt{3}}{4}$ 

**×** 2. √2

**X** 3.  $\frac{1}{4}$ 

 $\checkmark$  4.  $\frac{1}{2}$ 

Question ID : **6549788513**Status : **Answered**Chosen Option : **4** 

Q.5 The sum of all the three sides of an equilateral triangle is  $15\sqrt{3}cm$ . The height of the triangle is:

Ans

X 1. 7 cm

× 2. 8 cm

**√** 3. 7.5 cm

X 4. 9 cm

Question ID : **6549787496** Status : **Answered** 

Q.6 Anu can complete a piece of work in 22 days. Shama is 60% more efficient than Anu. How many days does Shama alone take to complete the same piece of work?

Ans

$$\times$$
 1.  $36\frac{2}{3}$ 

$$\times$$
 2. 35 $\frac{1}{3}$ 

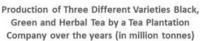
$$\times$$
 2.  $35\frac{1}{3}$   
 $\times$  3.  $13\frac{1}{5}$   
 $\checkmark$  4.  $13\frac{3}{4}$ 

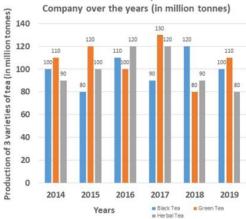
Question ID: 6549788495 Status: Answered

Chosen Option: 4

Q.7 Study the given bar graph and answer the question that follows.

A tea plantation company produces three varieties of tea-black tea, green tea and herbal tea. The production of three varieties (in million tonnes) over a period of six years from 2014 to 2019, has been shown in the bar graph here. The X-axis represents the years and the Y-axis displays the production of the three varieties in million tonnes.





The average production of black tea in 2014, 2015 and 2018 is how much more or less (in million tonnes) than the average production of green tea in 2016, 2017 and 2019?

Ans

- X 1. More, 12.33
- × 2. Less, 12.33
- 3. Less, 13.33
- X 4. More, 13.33

Question ID: 6549789124

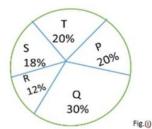
Status: Answered

Two numbers A and B are in the ratio 13:17. If A is increased by 15% and B is increased by 30%, then the new ratio of A to B will be: Ans X 1. 21:29 X 2. 21:31 **√** 3. 23 : 34 X 4. 23:33 Ouestion ID: 6549787492 Status: Answered Chosen Option: 3 Q.9 In  $\triangle ABC$ , AC = BC, and the length of the base AB is 10 cm. If CG = 8 cm, where G is the centroid, then what is the length of AC? Ans ✓ 1. 13 cm X 2. 15 cm  $\times$  3.  $\sqrt{91}$  cm X 4. 12 cm Question ID: 6549788507 Status: Not Answered Chosen Option: --Q.10 A, B, C and D are four positive numbers such that A is  $\frac{3}{4}$  times of B, B is  $\frac{4}{5}$  times of C, and C is  $\frac{3}{8}$  times of D. If the average of 4 times of A and 7 times of D is 316, then the average of all the four numbers A, B, C and D is: Ans X 1. 36 **2**. 38 X 3. 28 X 4. 34 Question ID: 6549787488 Status: Answered Chosen Option: 2 Q.11 A car takes 50 minutes to cover a certain distance at a speed of 54 km/h. If the speed is increased by 25%, then how long will it take to cover three-fourth of the same distance? X 1. 35 minutes Ans × 2. 40 minutes √ 3. 30 minutes X 4. 25 minutes Question ID: 6549787486 Status: Answered Chosen Option: 3

Q.12 The given pie charts represent the distribution of candidates who enrolled for a bank clerical examination and the candidates (out of those enrolled) who passed the examination, from five different institutes P, Q, R, S and T.

Study the pie charts and answer the question that follows.

(i) Total number of candidates who enrolled for the examination from five institutes = 5500



(ii) Total number of candidates who passed the examination from five institutes =

3300

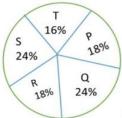


Fig.(ii)

Which institute(s) has/have the highest percentage of candidates passed to the candidates enrolled?

Ans

X 1. P

X 2. S

X 3. Q and T

√ 4. R

Question ID: 6549787509

Status: Not Answered

Chosen Option: --

Q.13 A rectangle with perimeter 50 cm has its sides in the ratio 1:4. What is the perimeter of a square whose area is the same as that of the rectangle?

Ans

X 1. 36 cm

× 2. 50 cm

√ 3. 40 cm

X 4. 45 cm

Question ID: 6549788497

Status: **Answered** 

Q.14 If  $x^2 + \frac{1}{x^2} = 83$ , x > 0, then the value of  $x^3 - \frac{1}{x^3}$  is:

- Ans 🗸 1. 756
  - X 2. 675
  - X 3. 576
  - X 4. 746

Question ID: 6549787498 Status: Answered

Chosen Option: 1

0.15 Two equal circles of radius 8 cm intersect each other such that each passes through the centre of the other. The length of the common chord is:

Ans

- X 1. 8 cm
- $\times$  2.  $4\sqrt{3}cm$
- √ 3. 8√3cm
- $\times$  4.  $8\sqrt{2}cm$

Question ID: 6549787494

Status: Answered

Chosen Option: 3

If  $\tan A + \sec A = \frac{3}{2}$  and A is an acute angle, then the value of  $\frac{10 \cot A + 13 \cos A}{12 \tan A + 5 \csc A}$ 

- Ans X 1. 5
  - X 2. 1

Question ID: 6549787504

Status: Answered

Chosen Option: 4

Q.17 Two circles with centres O and P and radii 17 cm and 10 cm, respectively, intersect each other at A and B. The length of the common chord AB is 16 cm. What is the perimeter of the triangle OAP (in cm)?

Ans

- X 1. 33
- X 2. 25
- **3**. 48
- X 4. 40

Question ID: 6549788505 Status: Answered

If  $x + \frac{1}{x} = \sqrt{13}$ , then one of the values of  $x^3 - \frac{1}{x^3}$  is:

Ans

× 1. 4√11

X 2. 32

**X** 3. 4√13

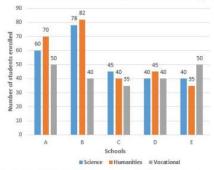
**√** 4. 36

Question ID: 6549788510

Status : **Not Answered** Chosen Option : --

Q.19 The number of students enrolled in different streams at Senior Secondary level in five schools is shown in the given bar graph.

Number of students in different streams in a year



What is the total number of students enrolled in the Science stream in all the schools?

Ans

X 1. 267

X 2. 268

**3**. 263

X 4. 257

Question ID : 6549788516 Status : Answered

Chosen Option: 3

Q.20 If the nine-digit number '8475639AB' is divisible by 99, then what is the value of A and B?

Ans

 $\times$  1. A = 4, B = 6

 $\times$  2. A = 5, B = 3

 $\times$  3. A = 3, B = 9

 $\checkmark$  4. A = 4, B = 8

Question ID: 6549787501

Status: Answered

Q.21 If  $\sec \theta - \csc \theta = 0$  and  $\theta$  is an acute angle, then what is the value of  $\sec^2 \theta + \csc^2 \theta$ ?

Ans

X 2. 1

X 3. 2

X 4. 0

Question ID: 6549788515 Status: Answered

Chosen Option: 1

Q.22 What will be the selling price of an article if two successive discounts of 15% and 12% are offered on its marked price

Ans

- √ 1. ₹19,074
- × 2. ₹25,041
- X 3. ₹21,165
- X 4. ₹18,615

Question ID: 6549788499

Status: Answered

Chosen Option: 1

A shopkeeper sold an article for ₹3,750. If he had charged 24% less, even then he would have earned a profit of 14%. What is the original cost of the article?

Ans

- X 1. ₹2,850
- X 2. ₹2,717
- X 3. ₹3,289
- √ 4. ₹2,500

Ouestion ID: 6549788501 Status: Answered

Chosen Option: 4

Q.24 If  $x^2 + (4 - \sqrt{3})x - 1 = 0$ , then what is the value of  $x^2 + \frac{1}{x^2}$ ?

- Ans  $\times 1.9 8\sqrt{3}$ 
  - $\times$  2. 21 12 $\sqrt{3}$
  - $\sqrt{3.21-8\sqrt{3}}$
  - $\times$  4. 17 8 $\sqrt{3}$

Question ID: 6549788509

Status: Answered

Q.25 Simplify the following expression.

$$5\frac{1}{3} \div \left[7 - 3 \div \left(1 - \frac{1}{4}\right) \times \frac{2}{3} + 1\right] - 3 \div 1 + 2$$

Ans

- $\times$  1.  $\frac{7}{41}$
- **2**. **0**
- X 3. 15
- **X** 4. **-4**

Question ID : 6549788512 Status : Answered

Chosen Option: 2

Section: General Awareness

Q.1 National Rifle Association of India was founded in:

Ans

- **X** 1. 1956
- **X** 2. 1964
- 3. 195
- **X** 4. 1948

Question ID : 6549787532

Status : Answered

Chosen Option: 1

Q.2 Which of the following factors is NOT responsible for soil formation?

Ans

- X 1. Topography
- 2. Cattle grazing
- X 3. Parent material
- X 4. Biotic agents

Question ID: 6549787524

Status : Answered

Chosen Option: 2

Q.3 Who among the following was NOT included in the ICC Hall of Fame in August 2020?

Ans

- 🗹 1. Graeme Smith
- X 2. Jacques Kallis
- X 3. Zaheer Abbas
- X 4. Lisa Sthalekar

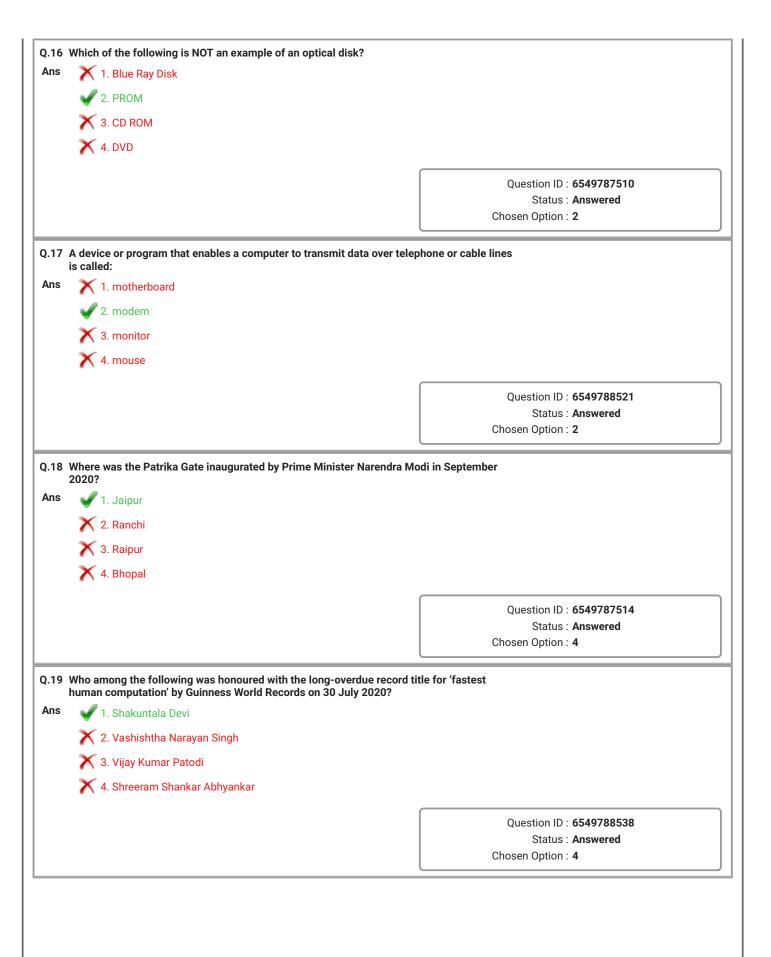
Question ID: 6549787534

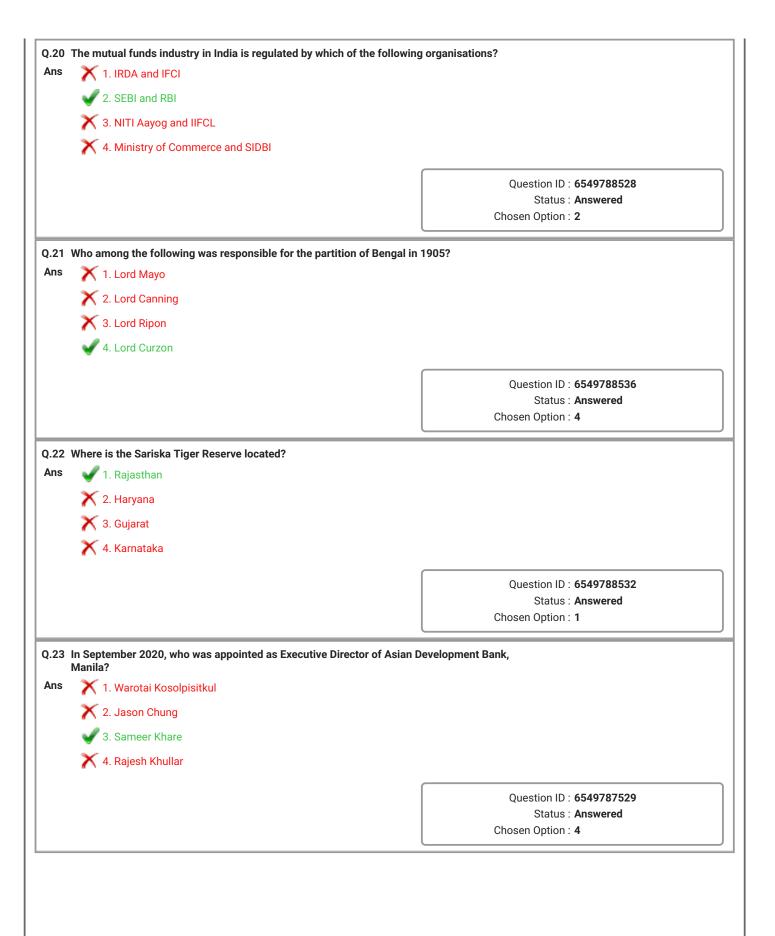
Status : **Answered** 

Q.4	Q.4 Which of the following Articles of the Constitution of India is related to the oath or affirmation by the President?		
Ans	X 1. Article 57		
	2. Article 60		
	X 3. Article 66		
	X 4. Article 54		
		0 11 15 17177777	
		Question ID : 6549787530 Status : Answered	
		Chosen Option : 4	
Q.5	Rickets and night-blindness are caused by the deficiency of and	, respectively.	
Ans			
	🔀 2. Vitamin D, Vitamin C		
	X 3. Vitamin B1, Vitamin C		
	X 4. Vitamin E, Vitamin A		
		Ouestion ID : <b>6549787520</b>	
		Status : Answered	
		Chosen Option : 1	
Q.6	6 Who among the following foreign travellers is NOT correctly matched with their respective country they hail from?		
Ans	1. Marco Polo – Italy		
	<ul><li>2. Peter Mundy – China</li></ul>		
	X 3. Ibn Battuta – Morocco		
	🔀 4. Al-Biruni – Uzbekistan		
		Ouestion ID : 6549787527	
		Status : Answered	
		Chosen Option : 2	
Q.7	With which of the following states is the 'Mand' or 'Maand' style of sing	ing associated?	
Ans	1. Rajasthan		
	🗙 2. Gujarat		
	X 3. Madhya Pradesh		
	\chi 4. Uttar Pradesh		
		Question ID : <b>6549787512</b>	
		Status : <b>Answered</b>	
		Chosen Option : 1	

	2.8 With which country did India hold its 14th Defence Policy Dialogue via video conferencing in August 2020?		
Ans			
	× 2. Japan		
	√ 3. Singapore		
	X 4. China		
		Question ID : <b>6549787515</b> Status : <b>Answered</b>	
		Chosen Option : 2	
_			
Q.9 Ans	•		
Allo	1. Deltas of Mahahada, the obsavan and the Mohina are made normalianal con.		
	2. Old alluvial is called 'bangar' and new alluvial is called 'khadar'.		
	3. In the Himalayan region we find alluvial soil.		
	X 4. Northern plains are made of alluvial soil.		
		Question ID : <b>6549787525</b>	
		Status : Answered	
		Chosen Option : 1	
	<ul> <li>1. Delhi Capitals</li> <li>2. Mumbai Indians</li> <li>3. Chennai Super Kings</li> <li>4. Rajasthan Royals</li> </ul>		
		Question ID : <b>6549788543</b>	
		Status : Not Answere	d
		·	d
Q.11	According to the fundamental rights provided by the Constitution of In to provide free and compulsory education to all children from the age	Status : Not Answere Chosen Option : dia, the state is bound	d
Q.11	to provide free and compulsory education to all children from the age	Status : Not Answere Chosen Option : dia, the state is bound	d
	to provide free and compulsory education to all children from the age  1. 4 to 15 years  2. 6 to 14 years	Status : Not Answere Chosen Option : dia, the state is bound	d
	to provide free and compulsory education to all children from the age  1.4 to 15 years	Status : Not Answere Chosen Option : dia, the state is bound	d
	to provide free and compulsory education to all children from the age  1. 4 to 15 years  2. 6 to 14 years	Status : Not Answere Chosen Option : dia, the state is bound	d
	to provide free and compulsory education to all children from the age  1. 4 to 15 years  2. 6 to 14 years  3. 4 to 18 years	Status : Not Answere Chosen Option :  dia, the state is bound of:	d
	to provide free and compulsory education to all children from the age  1. 4 to 15 years  2. 6 to 14 years  3. 4 to 18 years	Status : Not Answere Chosen Option : dia, the state is bound	d

Q.12	.12 Swollen bluish veins resulting from the valves that do not close properly are called		
Ans	X 1. systemic veins		
	2. varicose veins		
	X 3. deep veins		
	X 4. superficial veins		
		Question ID : <b>6549788531</b> Status : <b>Answered</b>	
		Chosen Option: 2	
	Dogri language is mainly spoken in which of the following states/union	territories?	
Ans	1. Uttarakhand		
	2. Jammu and Kashmir		
	X 3. Lakshadweep		
	🗙 4. Assam		
		Question ID : <b>6549788523</b>	
		Status : Answered	
		Chosen Option : 2	
0.14	Which of the following states was popularly known as the 'Land of Gods	22 It got a congrete	
Q. IT	identity as a state on 9 November 2000.	: it you a separate	
Ans	🗙 1. Telangana		
	🗶 2. Goa		
	X 3. Karnataka		
	4. Uttarakhand		
		Question ID : <b>6549788533</b> Status : <b>Answered</b>	
		Chosen Option : 4	
Q.15	'Pradhan Mantri Awas Yojana (Urban)-PMAY (U)'s mission is to achieve to for All in urban areas by:	the goal of Housing	
Ans	<b>X</b> 1. 2020		
	× 2. 2023		
	<b>√</b> 3. 2022		
	<b>X</b> 4. 2021		
	• 1		
		Question ID : <b>6549788526</b>	
		Status : <b>Answered</b> Chosen Option : <b>2</b>	
		5.1050.11 0 p.110.11 2	





Ans 
1. Nitrous dioxide
2. Carbon dioxide
3. Oxygen
4. Nitrogen

Question ID: 6549788529
Status: Answered
Chosen Option: 3

Q.25 The total liability of the monetary authority of the country, Reserve Bank of India, is called:
Ans 
1. Hot money
2. Grey money
3. Cold cash
4. High powered money

Q.24 Which of the following gases is released in the process of photosynthesis?

Question ID : 6549787517 Status : Answered Chosen Option : 1