CGLE- Combined Graduate Level Tier-I, 2018 Examination

Roll No.	
Registration No.	
Name	
Test Venue	
Test Time	4:00 PM - 5:00 PM
Test Date	06/06/2019

Section: General Intelligence and Reasoning

Q.1 Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.

Author : Book

Ans

√ 1. Spider : Web

X 2. Reptile : Crawl

X 3. Mother : Son

X 4. Doctor : Medicine

Question ID: 98958014229

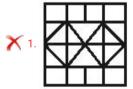
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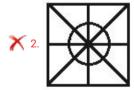
Chosen Option: 1

Q.2 Select the figure in which the given figure is embedded.



Ans









Question ID: 98958014245

Status: Answered

Chosen Option: 4

Choose the set of numbers that is similar to the following set. Q.3

(6, 9, 18)

- Ans 1. (14, 21, 42)
 - × 2. (10, 15, 35)
 - X 3. (18, 27, 56)
 - X 4. (8, 14, 24)

Question ID: 98958014238 Status: Answered

Chosen Option: 1

निम्नलिखित चार शब्दों में से तीन शब्द किसी प्रकार से एकसमान हैं और एक शब्द असमान है। असमान शब्द का

Ans

- √ ¹. मध्यांतर
- 🗙 २. समापन
- **X** 3. अंत
- 🗙 ४. विदाई

Question ID: 98958014227 Status: Answered

Chosen Option: 1

Q.5 Identify the mirror image of the following figure when the mirror is placed to the right of the figure.



Ans







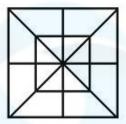


Question ID: 98958014246

Status: Answered

Chosen Option: 3

How many triangles are there in the following figure?



- **1**. 32
- × 2. 24
- **X** 3. 28
- X 4. 36

Question ID: 98958014243

Status: Marked For Review

Chosen Option: 1

Q.7 Select the term that will come in the place of ?

7, 11, 19, 31, ?, 67

- Ans X 1. 45
 - × 2. 51
 - X 3. 43
 - **4** 4. 47

Question ID: 98958014235

Status: Answered

Chosen Option: 4

Q.8 A letter series is given below in which some letters are missing. Select the option that gives the letters that can fill these blanks in that order.

a_ca_bab_ad_abc_db

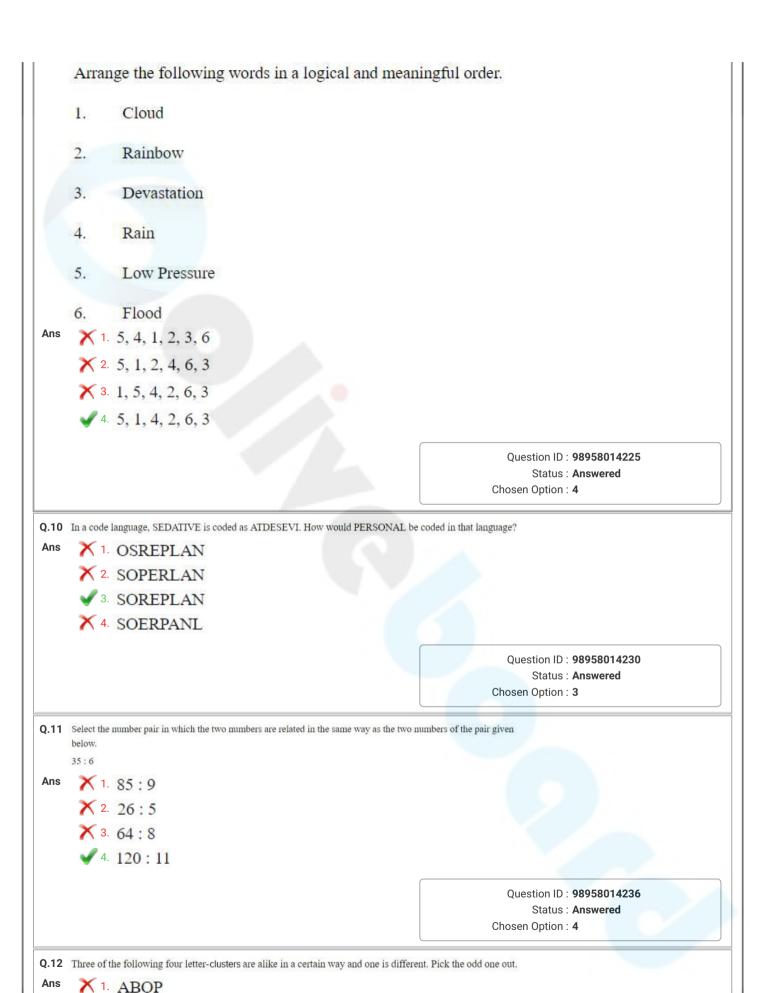
Ans

- X 1. bdcab
- √ 2. bdcba
- X 3. bcdba
- X 4. bddac

Question ID: 98958014232

Status: Answered

Chosen Option: 4



X 2. EFST



Question ID: 98958013037 Status: Answered Chosen Option: 4

Q.13 What will be the value of the following equation if '+' means 'addition', '+' means 'subtraction', '-' means 'multiplication' and 'x' means 'division'?

 $72 \times 9 - 3 \div 8 + 2 = ?$

Ans

X 1. 25



X 3. 40

X 4. 35

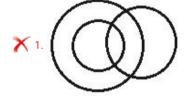
Question ID: 98958013043 Status: Answered

Chosen Option: 2

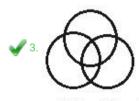
Q.14 Choose the Venn diagram that best illustrates the relationship among the following classes:

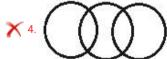
Women, Entrepreneurs, Engineers

Ans









Question ID: 98958014248

Status: Answered

Chosen Option: 3

Q.15 निम्नलिखित चार शब्द युग्म में से तीन शब्द युग्म किसी प्रकार से एकसमान हैं और एक शब्द युग्म असमान है। असमान शब्द युग्म का चयन कीजिए।

Ans

🖊 1. बगीचा : करछुल

X 2. अध्ययन कक्ष : टेबल लैंप

X ३. रसोई : कड़ाही

X 4. बाथरूम : शावर

Question ID: 98958013039 Status: Answered Chosen Option: 1

Q.16 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans

X 1. BFMQ

X 2. JNPS

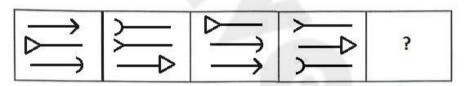
√ 3. DGKL

X 4. GKRV

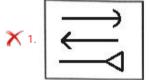
Question ID : 98958014226 Status : Answered

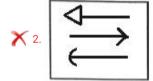
Chosen Option: 3

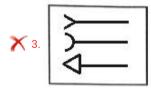
Q.17 Select the figure that will come next in the following figure series.

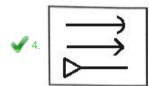


Ans



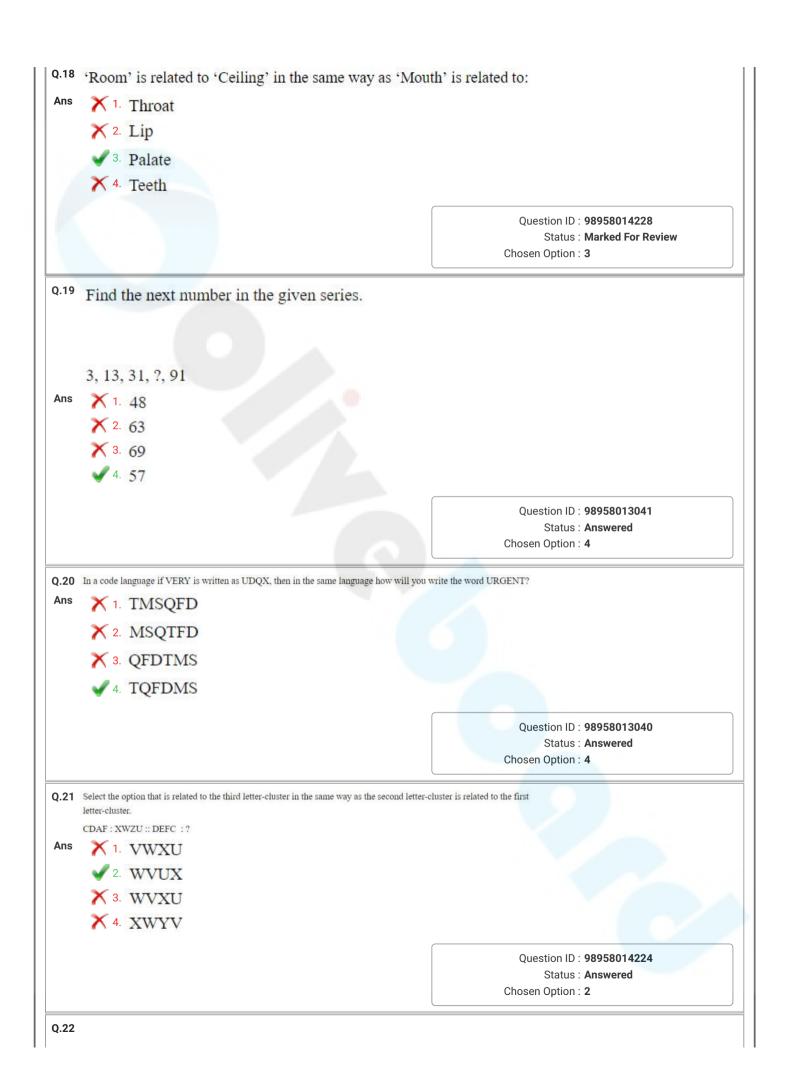






Question ID : **98958014242** Status : **Answered**

Chosen Option: 4



Select the option that is related to the third term in the same way as the second term is related to the first term. LAMP: PALM:: MALE: X 1. MEAL Ans X 2. ELAM 3. EAML X 4. LAME Question ID: 98958013038 Status: Answered Chosen Option: 3 Q.23 A square paper is folded and cut as shown below. How will it appear when unfolded? Ans

> Question ID : **98958014247** Status : **Marked For Review**

Chosen Option: 3

Q.24 Two statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real-world knowledge, decide which of the conclusion(s) logically follow/s from the statements.

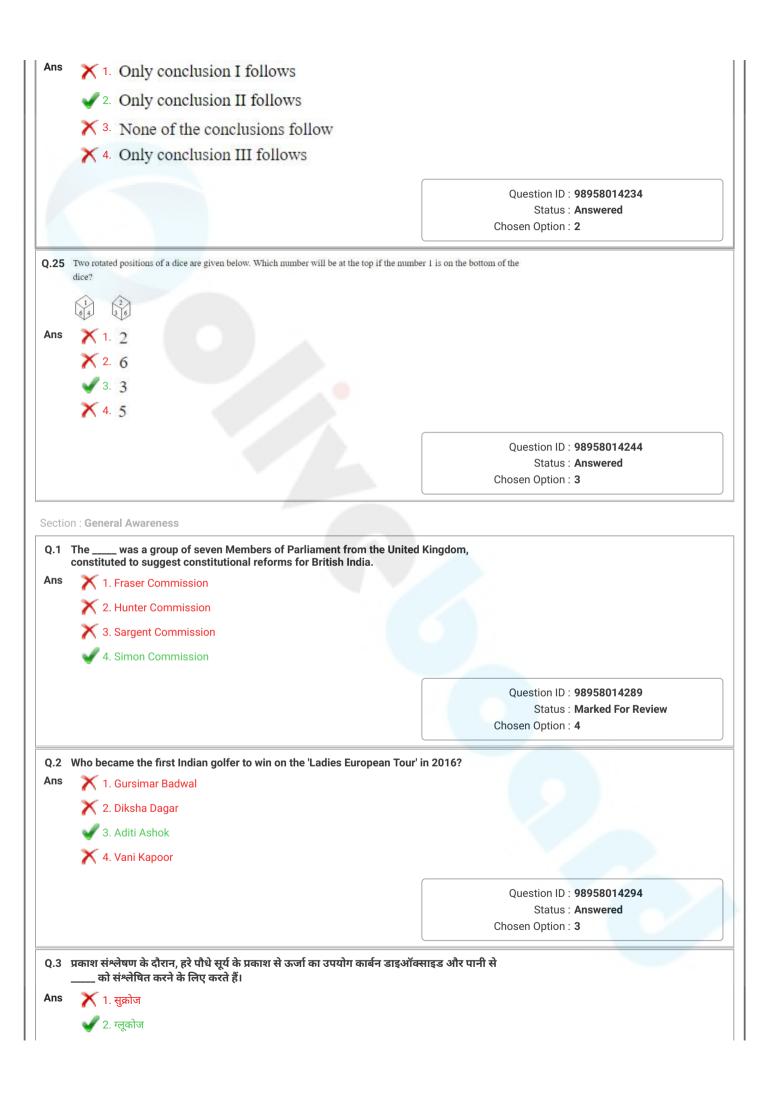
Statements:

All ponds are pools.

Some wells are ponds.

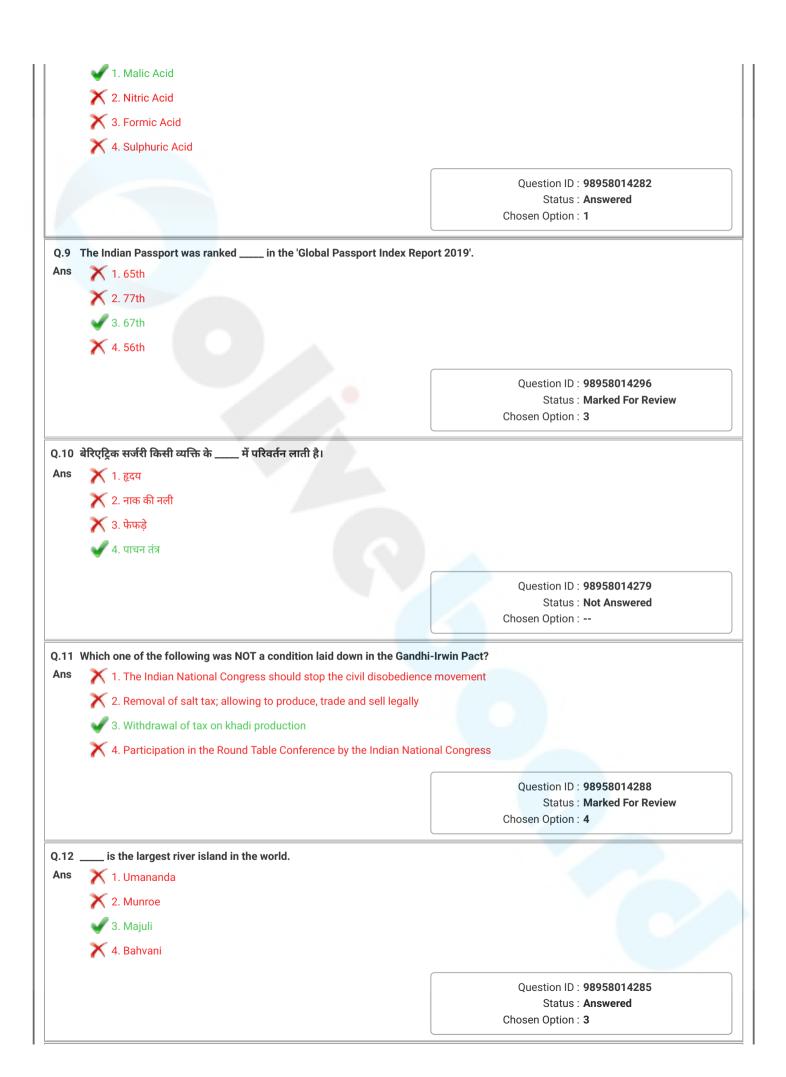
Conclusions:

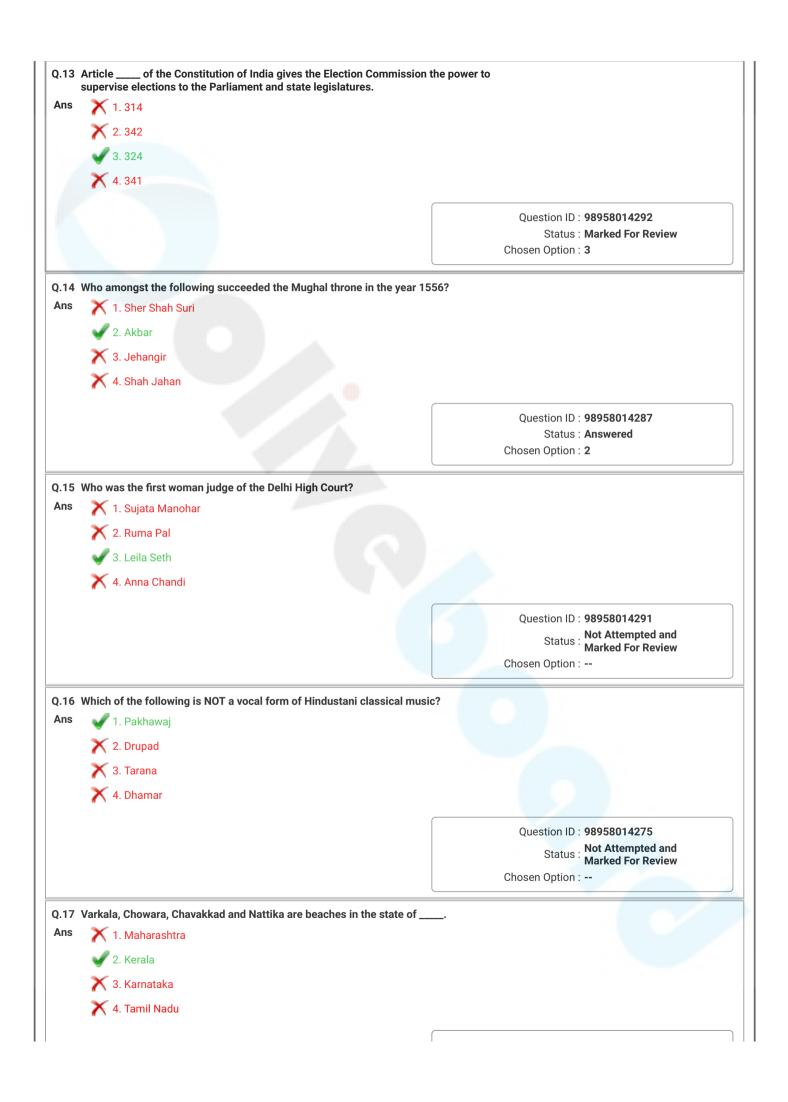
- I. Some ponds are not wells.
- II. Some wells are pools.
- III. All pools are wells.



\chi 3. गैलेक्टोज 🗙 ४. फ्रुक्टोज Question ID: 98958014281 Status : Not Attempted and Marked For Review Chosen Option: -was the first and only Muslim woman to ever sit on the throne of Delhi. Ans X 1. Fatima Al Fihri × 2. Gevher Sultan 3. Shajarat Al Durr 4. Razia Begum Ouestion ID: 98958014286 Status: Marked For Review Chosen Option: 4 Q.5 The Pradhan Mantri Shram Yogi Mandhan Yojana was launched by _____. X 1. Arun Jaitley X 2. Ram Nath Kovind 🗙 3. Smriti Zubin Irani 4. Narendra Modi Question ID: 98958014297 Status: Answered Chosen Option: 4 Q.6 Which of the following is NOT a symptom of Wilson's disease? Ans 1. Problems with speech, swallowing or physical coordination 2. Uncontrolled movements or muscle stiffness X 3. Fluid build-up in the legs or abdomen 4. Night blindness Question ID: 98958014278 Status: Marked For Review Chosen Option: 4 Q.7 The Banking Regulation Act was passed in India in _____. Ans 1. 1949 2. 1974 3. 1965 **X** 4. 1951 Question ID: 98958014276 Status: Answered Chosen Option: 3 Q.8 Which of the following acid found in Apple?

Ans





Question ID: 98958014283 Status: Not Answered Chosen Option: --Q.18 The highest railway station in India is located in the state of _____. 1. West Bengal 🗙 2. Uttar Pradesh 3. Jammu & Kashmir X 4. Sikkim Question ID: 98958014284 Status: Marked For Review Chosen Option: 3 __ is the oldest member of the 16th Lok Sabha. Q.19 _ Ans 1. Murli Manohar Joshi 🗙 2. Ram Jethmalani 3. Lal Krishna Advani X 4. Farooq Abdullah Question ID: 98958014290 Status: Marked For Review Chosen Option: 4 Q.20 The National Board for Micro, Small and Medium Enterprises meets once every months in a year. **X** 1. 2 Question ID: 98958014293 Status : Not Attempted and Marked For Review Chosen Option: --Q.21 ____ की कमी से रिकेट्स का रोग होता है। Ans X 1. विटामिन C 🗶 2. विटामिन A 🗶 3. विटामिन B 4. विटामिन D Question ID: 98958014280 Status: Marked For Review Chosen Option: 4 Q.22 The Khajuraho Temples are located in the state of _____. 🗹 1. Madhya Pradesh X 2. Andhra Pradesh

X 3. Uttarakhand X 4. Uttar Pradesh Question ID: 98958014274 Status: Answered Chosen Option: 1 Q.23 What is India's rank in 2019 World Happiness Report? X 1. 130th 2. 140th 3. 150th X 4. 160th Question ID: 98958014298 Status: Answered Chosen Option: 2 Q.24 Minimum Support Price (MSP) is recommended by _ X 1. The Commission for Weights and Measures X 2. The Food Safety and Standards Authority of India X 3. The Farmers' Welfare Society 4. The Commission for Agricultural Costs and Prices Question ID: 98958014277 Status: Answered Chosen Option: 4 _ is the oldest golf course outside the United Kingdom. Q.25 🗹 1. Royal Calcutta Golf Club, Kolkata Ans X 2. Tollygunge Golf Club, Kolkata X 3. Classic Golf Resort, New Delhi X 4. Royal Springs Golf Course, Srinagar Question ID: 98958014295 Status: Not Answered Chosen Option: --Section: Quantitative Aptitude Q.1 The average of eleven numbers is 54. The average of the first four numbers is 48 and that of the next four numbers is 25% more than the average of the first four. The ninth number is 8 greater than the 11^{th} number and the tenth number is 4 greater than the 11th number. What is the average of the 9th and the 10th numbers? X 1. 54 X 2. 52.6 **3**. 56 X 4. 54.4 Question ID: 98958013251

Status: Not Answered

Chosen Option: --

Q.2 In a circle with center O and radius 10 cm, PQ and RS are two parallel chords of lengths x cm and 12 cm, respectively, and both the chords are on the opposite side of O. If the distance between PQ and RS is 14 cm, the value of x is:

Ans

1. 16

X 2. 20

X 3. 15

X 4. 18

Question ID: 98958013264

Status: Not Answered Chosen Option: --

Q.3 If $3\sqrt{3}x^3 - 2\sqrt{2}y^3 = (\sqrt{3}x - \sqrt{2}y)(Ax^2 + By^2 + Cxy)$, then the value of $(A \times B) \div C$ is:

Ans

X 1. 6√6

× 2. 6√3

X 3. √3

√ 4. √6

Question ID: 98958013260

Status: Not Answered

Chosen Option: --

0.4

The value of $\frac{1}{\sin \theta} - \frac{\cot^2 \theta}{1 + \csc \theta}$ is:

Ans

X 1. 0

2. 1

X 3. 2

X 4. -1

Question ID: 98958013269

Status: Answered

Chosen Option: 2

Q.5 Sudha saves 15% of her income. If her expenditure increases by 20% and savings increase by 60%, then by what percent has her income increased?

Ans

1. 26

X 2. 35

X 3. 24

X 4. 30

Question ID: 98958013253

Status: Answered

Chosen Option: 1

Q.6 PQRS is a cyclic quadrilateral. If angle P is three times the angle R and angle S is five times the angle Q, then the sum of the angles Q and R is:

Ans

X 1. 65°

X 2. 70°

Question ID: 98958013263 Status: Answered

Chosen Option: 3

Q.7 In \triangle ACE, B and D are the points on side AC and CE, respectively, such that BD || AE and AE = $\frac{8}{3}$ BD. What is the ratio of the area of \triangle BDC to that of \triangle AEC?

Ans

- 1.9:64
- X 2. 3:8
- X 3. 8:11
- X 4. 9:16

Question ID: 98958013266 Status: Answered

Chosen Option: 1

If $a + \frac{1}{a} = 3$, then $\left(a^4 + \frac{1}{a^4}\right)$ is equal to:

Ans

- X 1. 77
 - **2**. 47
 - X 3. 81
- X 4. 27

Question ID: 98958013163 Status: Answered

Chosen Option: 2

Q.9 Some fruits are bought at a rate of 11 for ₹100 and an equal number at a rate of 9 for ₹100. If all the fruits are sold at a rate of 10 for ₹100, then what is the gain or loss percent in the entire transaction?

Ans

- X 1. Gain, 5%
- × 2. Loss, 5%
- X 3. Gain, 1%
- ✓ 4. Loss, 1%

Question ID: 98958013254

Status: Answered

Chosen Option: 3

$$If \frac{\cos\theta}{1-\sin\theta} + \frac{\cos\theta}{1+\sin\theta} = 4, \, 0^\circ < \theta < 90^\circ, \, then \, the \, value \, of \, (\tan\theta + cosec \, \theta) \, is:$$

Ans

- $x 1. \frac{5\sqrt{2}}{2}$
- $\sqrt{2}$. $\frac{5\sqrt{3}}{2}$
- \times 3. $\frac{4\sqrt{3}}{3}$

$$\times$$
 4. $\frac{5\sqrt{2}}{3}$

Question ID: 98958013267 Status: Answered

Chosen Option: 2

Q.11 If a + b + c = 2, $a^2 + b^2 + c^2 = 26$, then the value of $a^3 + b^3 + c^3 - 3$ abc is:

- Ans X 1. 71
 - **2**. 74
 - X 3. 69
 - X 4. 78

Question ID: 98958013262

Status: Answered

Chosen Option: 2

Q.12 A person borrowed a certain sum at 10% p.a. for three years, interest being compounded annually. At the end of two years, he repaid a sum of ₹6,634 and at the end of the third year, he cleared off the debt by paying ₹13,200. What was

Ans

- X 1. ₹16,400
- √ 2. ₹15,400
- X 3. ₹15,600
- X 4. ₹16,500

Question ID: 98958013256

Not Attempted and Status : Marked For Review

Chosen Option: --

Q.13 The radii of three concentric circles are in the ratio of 4:5:7. What is the ratio of the area between the two inner circles to that between the two outer circles?

Ans

- X 1. 4:7
- X 2. 5:9
- X 3. 4:5
- 4. 3:8

Question ID: 98958013259

Status: Answered

Chosen Option: 4

If $(1 + \tan^2 \theta) + (1 + (\tan^2 \theta)^{-1}) = k$, then $\sqrt{k} = ?$

- Ans $\sqrt{1}$ cosec θ sec θ
 - \times 2. cosec θ cos θ
 - \times 3. $\sin \theta \cos \theta$
 - \times 4. $\sin \theta \sec \theta$

Question ID: 98958013268

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.15 The table shows the production of different types of cars (in thousands).

Year	2013	2014	2015	2016	2017
A	48	47	50	61	64
В	47	55	58	54	66
C	52	58	62	66	72
D	60	53	56	65	66
E	43	47	54	64	62

The total production of type B cars during 2013 to 2016 is approximately what percent less than the total production of cars in 2017?

Ans

X 1. 32%

X 2. 40%

√ 3. 35%

X 4. 38%

Question ID: 98958013272 Status: Answered

Chosen Option: 3

Q.16 The table shows the production of different types of cars (in thousands).

Year	2013	2014	2015	2016	2017
A	48	47	50	61	64
В	47	55	58	54	66
C	52	58	62	66	72
D	60	53	56	65	66
E	43	47	54	64	62

The total production of type B cars in 2015 and type C cars in 2013 is what percent more that the total production of type E cars in 2013 and 2014? (Correct to one decimal place)

Ans

X 1. 23.4

X 2. 25.6

X 3. 24.8

4. 22.2

Question ID: 98958013273 Status: Not Answered

Chosen Option: --

Q.17 The area of a Δ ABC is one unit. DE is a straight line parallel to BC, joining the points D and E on AB and AC respectively such that AD: DB = 1:6. The ratio of the areas of the triangles ADE and ABC is:

Ans

X 1. 1:36

√ 2. 1:49

X 3. 1:6

X 4. 1:7

Question ID: 98958013164 Status: Answered

Chosen Option: 2

Q.18 The value of $16 \div 4$ of $4 \times [3 \div 4$ of $\{4 \times 3 \div (3 + 3)\}] \div (2 \div 4$ of 8) is:

Ans 1. 6 × 2. 9 × 3. 48 × 4. 16

> Question ID: 98958013250 Status: Answered

Chosen Option: 1

Q.19 In $\triangle ABC$, D is a point on AC such that AB = BD = DC. If $\angle BAD = 70^{\circ}$, then the measure of $\angle B$ is:

Ans

√ 1. 75°

X 2. 80°

X 3. 82°

X 4. 70°

Question ID: 98958013265 Status: Answered

Chosen Option : 1

Q.20 A train travelling at 44 km/h crosses a man walking with a speed of 8 km/h, in the same direction, in 15 seconds. If the train crosses a woman coming from the opposite direction in 10 seconds, then what is the speed (in km/h) of the woman?

Ans

X 1. 10.5

2. 10

X 3. 9

X 4. 8.5

Question ID: 98958013258 Status: Answered

Chosen Option: 2

Q.21 If a 10-digit number 2094x843y2 is divisible by 88, then the value of (5x - 7y) for the largest possible value of x, is:

Ans

X 1 3



X 3. 2

X 4. 6

Question ID: 98958013249 Status: Not Answered

Chosen Option: --

Q.22 The table shows the production of different types of cars (in thousands).

Year	2013	2014	2015	2016	2017
Cars	48	47	50	61	64
В	47	55	58	54	66
С	52	58	62	66	72
D	60	53	56	65	66
E	43	47	54	64	62

If the data related to the production of type D cars is represented by a pie-chart, then the central angle of the sector representing the production of the cars in 2016 will be:

Ans



X 2. 72°

X 3. 67.2°

X 4. 79.2°

Question ID: 98958013271

Status: Answered

Chosen Option: 4

Q.23 The table shows the production of different types of cars (in thousands).

Year Cars	2013	2014	2015	2016	2017
A	48	47	50	61	64
В	47	55	58	54	66
C	52	58	62	66	72
D	60	53	56	65	66
E	43	47	54	64	62

The ratio of the total production of type A cars in 2017 and type D cars in 2015 to the total production of type B and type E cars in 2013 is:

Ans

X 1. 8 : 7

√ 2. 4 : 3

X 3. 3 : 4

X 4. 7 : 8

Ouestion ID: 98958013270

Status: Answered

Chosen Option: 2

Q.24 $\big(\frac{1}{1+\sin^2\theta}+\,\frac{1}{1+\csc^2\theta}\big)=$

Ans \times 1. $\sin^2\theta$

2. 1

× 3. cosec²θ

X 4. 2

Question ID: 98958013165

Status: Answered

Chosen Option: 2

Q.25 To do a certain work, the ratio of the efficiencies of A, B and C is 7:5:6. Working together, they can complete the same work in 35 days. B and C work together for 21 days. The remaining work will be completed by A alone in:

Ans

X 1 60 days

√ 2. 57 days

X 3. 54 days

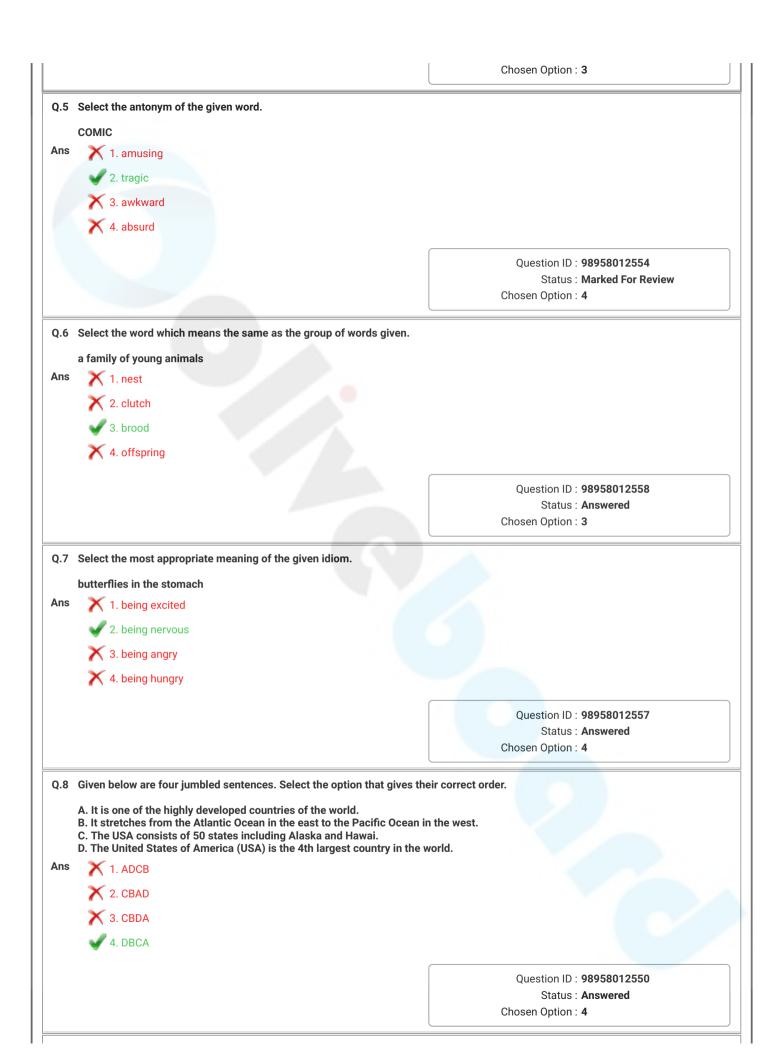
X 4. 50 days

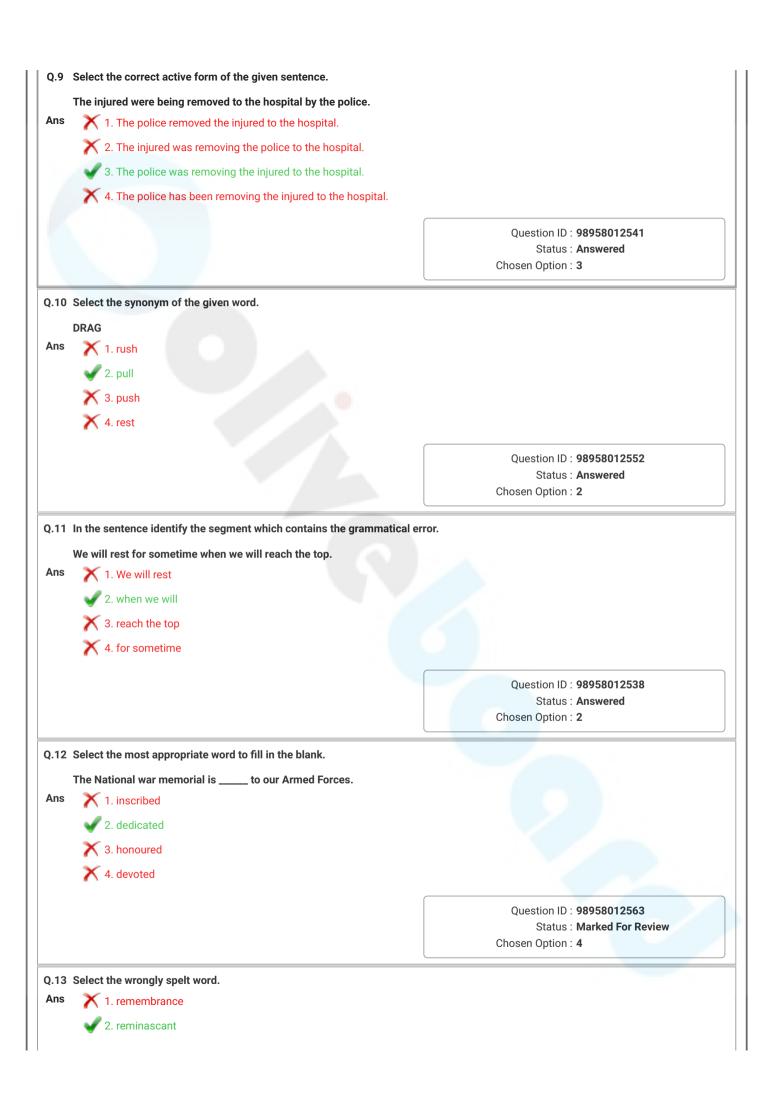
Question ID: 98958013257

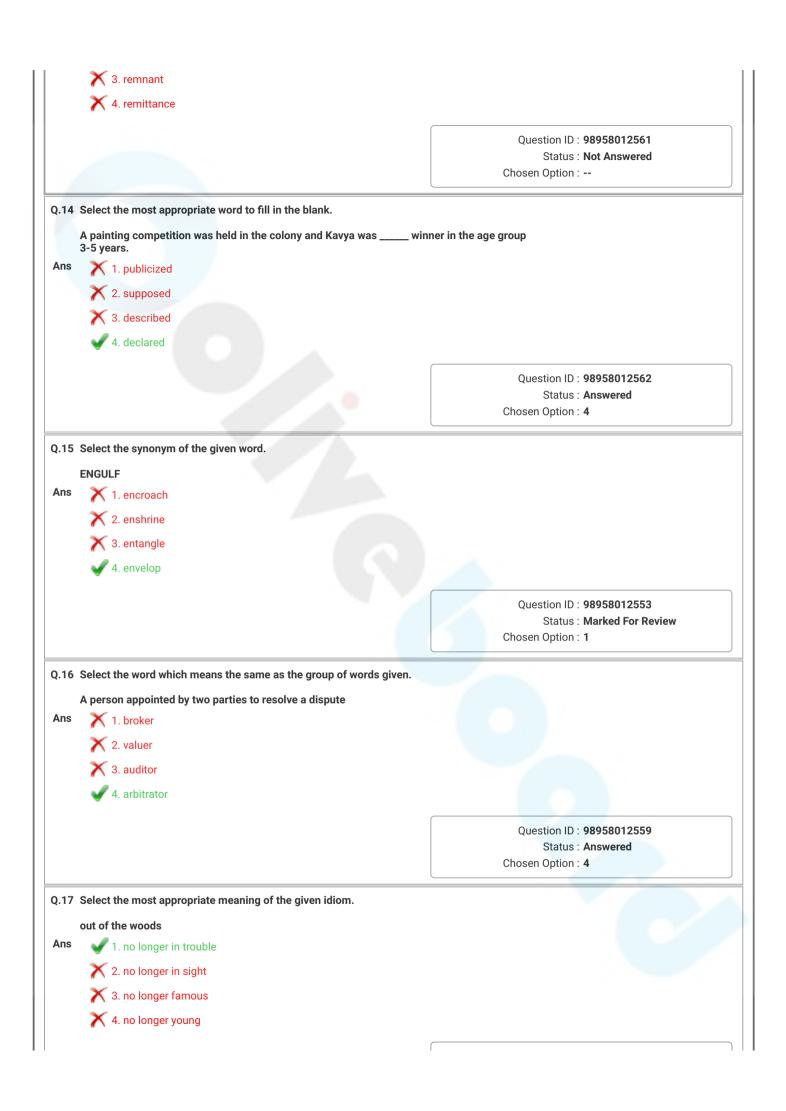
Status: Answered

Chosen Option: 2

Q.1 Select the correct passive form of the given sentence. Show these visitors the butterfly farm. Ans 1. These visitors should be showed the butterfly farm. 2. Let these visitors be showing the butterfly farm. 3. You must show these visitors the butterfly farm. 4. Let these visitors be shown the butterfly farm. Question ID: 98958012540 Status: Marked For Review Chosen Option: 4 Q.2 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. They didn't see you, is it? X 1. no improvement 2. did they 3. wasn't it X 4. have they Question ID: 98958012542 Status: Answered Chosen Option: 2 Q.3 Given below are four jumbled sentences. Select the option that gives their correct order. A. What was supposed to be a holiday of a lifetime turned into a dangerous experience for 1,300 passengers on a cruise ship off the coast of Norway. B. The Norwegian Government decided to evacuate the passengers with the help of helicopters. C. The ship broke down in rough seas and high-speed winds caused it to rock heavily from side to side. D. From the first 371 evacuated passengers, 17 had to be taken to hospital. X 1. ABCD 2. CBDA 3. CABD 4. ACBD Question ID: 98958012551 Status: Answered Chosen Option: 4 Q.4 In the sentence identify the segment which contains the grammatical error. The river Yamuna has many non-native species like goldfish that is affecting its ecosystem. X 1. its eco-system X 2. The river Yamuna 3. that is affecting X 4. has many non-native species Question ID: 98958012539 Status: Answered







Ouestion ID: 98958012556 Status: Answered Chosen Option: 1 Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. We had never seen so strong blizzard. The wind speed was 130 km per hour . Ans X 1. so strong the blizzard 2. such strong a blizzard 3. such a strong blizzard 4. no improvement Ouestion ID: 98958012543 Status: Answered Chosen Option: 3 Q.19 Select the antonym of the given word. **GATHER** Ans X 1. display 2. dispute 3. distract 4. disperse Question ID: 98958012555 Status: Answered 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 blank. Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people (5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold. SubQuestion No: 20 Q.20 Select the most appropriate option for blank No. 1. Ans 1. because 2. until Question ID: 98958012545 Status: Answered 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 blank. Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people

	(5) in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.						
	SubQuestion No: 21						
Q.21	21 Select the most appropriate option for blank No. 2.						
Ans	1. consistency						
	2. density						
	X 3. quantity						
	4. frequency						
		Question ID : 98958012546					
		Status : Answered Chosen Option : 2					
		·					
	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					
	Canada is three times the size of India (1) its population is only abo	ut 26 million. The					
	average (2) of population is less than three persons per square kilon	meter (3)					
	Canada. The distribution of population is highly (4) Nearly 80 per of (5) in a narrow belt less than 300 kilometer wide along the southern						
	the country has a very sparse population due to excessive cold.						
0.22	SubQuestion No : 22						
Q.22	Select the most appropriate option for blank No. 3. 1. at						
	✓ 2. in						
	X 3. on						
	X 4. into						
	Question ID: 98958012547						
		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.						
	Canada is three times the size of India (1) its population is only abo average (2) of population is less than three persons per square kilor						
	Canada. The distribution of population is highly (4) Nearly 80 per cent of the people (5) in a narrow belt less than 300 kilometer wide along the southern border. The rest of						
	the country has a very sparse population due to excessive cold.						
	SubQuestion No: 23						
	Q.23 Select the most appropriate option for blank No. 4.						
Ans	Ans 1. uneven						
	× 2. differing						
	X 3. infrequent						
	X 4. rough						
		Question ID: 98958012548					
		Status: Marked For Review					
		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. Canada is three times the size of India (1)____ its population is only about 26 million. The average (2)___ of population is less than three persons per square kilometer (3)____ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people (5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold. SubQuestion No: 24 Q.24 Select the most appropriate option for blank No. 5. Ans 2. survive 3. subsist 4. remain Question ID: 98958012549 Status: Answered Chosen Option: 1 Q.25 Select the wrongly spelt word. Ans 1. hazard 2. hazy 3. hasitate X 4. hasty Question ID: 98958012560 Status: Answered Chosen Option: 3