CGLE- Combined Graduate Level Tier-I, 2018 Examination

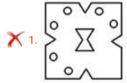
Roll No.	
Registration No.	
Name	
Test Venue	
Test Time	1:00 PM - 2:00 PM
Test Date	07/06/2019

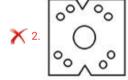
Section: General Intelligence and Reasoning

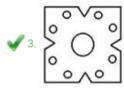
Q.1 A square paper is folded and cut as shown below. How will it appear when unfolded?

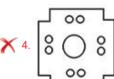


Ans





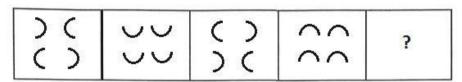




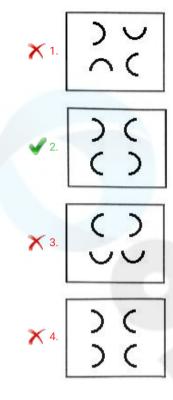
Question ID: 98958013722 Status: Answered

Chosen Option: 3

Q.2 Select the figure that will come next in the following figure series.



Ans



Question ID: 98958013717 Status: Answered

Chosen Option: 2

Which number will replace the question mark (?) in the following series?

5, 12, 26, 54, ?

Ans X 1. 112

X 2. 92

√ 3. 110

X 4. 98

Question ID: 98958013710

Status: Answered

Chosen Option: 3

Q.4 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(8, 15, 9)

Ans

X 1. (5, 17, 11)

2. (4, 16, 12)

X 3. (7, 13, 14)

X 4. (9, 12, 15)

Question ID: 98958013714

Status : Not Attempted and Marked For Review

		Chosen Option :
Q.5	The ratio of the present age of Mitali to that of Shabnam is 4 : 7. If the cand Mitali after 5 years will be 13 years, then what is the sum of the pre	
Ans	1. 74 years	isent ages of Mitali and Shabhain:
	× 2. 60 years	
	√ 3. 66 years	
	× 4. 64 years	
	4. 04 years	
		Question ID: 98958013716
		Status : Not Attempted and Marked For Review
		Chosen Option :
Q.6		wife of Q. W's grandson M is the nephew of P
Ans	and brother of V. W has only two children. How is Q related to V? 1. Uncle	
	✓ 2. Father	
	× 3. Brother	
	X 4. Son	
	, a soil	
		Question ID: 98958013708 Status: Answered
		Chosen Option: 2
Q.7	Select the word-pair in which the two words are related in the same w	vay as are the two words in the following word-
4.,	pair.	
Ans	Caress: Affection	
	 Crime : Confession Interview : Selection 	
	MEDICAL SERVICE CONTRACTOR SERVICES	
	3. Anger: Emotion	
	√ 4. Kick: Hostility	
		Question ID: 98958013704
		Status : Answered Chosen Option : 3
		Chosen Option . 3
Q.8	If CLEAN is coded as $1415123\ \text{and}\ \text{BLOW}$ is coded as 231	5122, then how will JOKE be coded as?
ns	× 1. 4111612	
	× 2. 5121611	
	✓ 3. 5111510	
	× 4. 1011155	
		Question ID : 98958013706
		Status : Answered

Chosen Option : 3

Q.9 How many triangles are there in the following figure?

Ans

1. 18

X 2. 20

X 3. 16

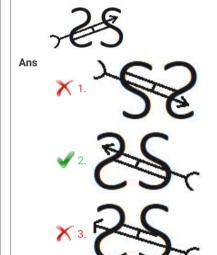
X 4. 14

Question ID : 98958013718

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.10 Select the mirror image of the given figure when the mirror is placed to the right of the figure.



Question ID: 98958013721 Status: Answered Chosen Option: 2

Q.11 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.

DFIM: WURN:: GKNP:?

Ans

X 1. SOLJ

X 2. TROK

X 3. TPNL



Question ID: 98958013699 Status: Answered Chosen Option: 4

Q.12 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

Ans X 1. 15:52

× 2. 24:82

√3. 8:28

X 4. 16:53

Question ID: 98958013711 Status: Answered

Chosen Option: 4

Q.13 Two different positions of the same dice are shown. Which number will be at the top if 6 is at the bottom?





Question ID: 98958013719 Status: Answered

Chosen Option: 4

Q.14 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(3, 16, 5)

Ans X 1. (9, 35, 11)

√ 2. (7, 32, 9)

X 3. (11, 45, 14)

X 4. (5, 26, 9)

Question ID: 98958013713 Status: Not Answered

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:

Some roads are streets.

Some streets are lanes.

Conclusions:

- I. No road is a lane.
- II. All streets are lanes.
- III. Some lanes are roads.

Δns

- X 1. Only conclusion II follows
- × 2. Only conclusions II and III follow
- ✓ 3. Either conclusions I or III follows
- X 4. Only conclusion I follows

Question ID: 98958013709

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.16 In a code language, REGULAR is written as GERTRAL. How will BROTHER be written as in that language?

Ans

√ 1. ORBSREH

X 2. ROBSERH

X 3. ORBUREH

X 4. ORBEHTS

Question ID: 98958013705

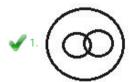
Status : Answered

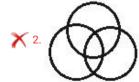
Chosen Option: 1

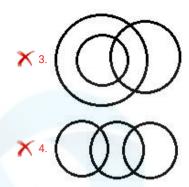
Q.17 Select the Venn diagram that best illustrates the relationship between the following classes.

Graduates, Teachers, Literates

Ans







Question ID: 98958013723 Status: Answered

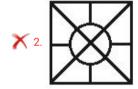
Chosen Option : 1

Q.18 Select the figure in which the given figure is embedded.

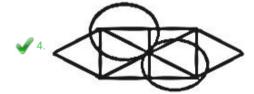


Ans









Question ID : 98958013720 Status : Answered

Chosen Option : 4

Q.19 Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

Ans

X 1. 39

X 2

2 57

Question ID: 98958013712 Status: Answered

Chosen Option: 3

Q.20 Arrange the following words in a logical and meaningful order.

- 1. Learn
- 2. College
- 3. Degree
- 4. Admission
- Assessment
- 6. Class

Ans X 1. 4, 2, 1, 6, 3, 5

× 2. 2, 1, 4, 5, 6, 3

√ 3. 4, 2, 6, 1, 5, 3

X 4. 5, 4, 2, 1, 6, 3

Question ID: 98958013700

Status: Answered

Chosen Option: 3

Q.21 जिस प्रकार 'टूट' का संबंध 'एकता' से है, उसी तरह 'स्थार ' का संबंध ____ से है।

Ans

🗙 1. खुरदुरा

√ 2. क्षति

🔀 ३. असुविधा

🗙 ४. सिलाई

Question ID: 98958013703

Status: Answered

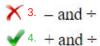
Chosen Option: 2

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

$$9 - 3 + 12 \times 8 \div 4 = 11$$

Ans \times 1. + and -

 \times 2. + and \times



Question ID: 98958013715
Status: Not Attempted and Marked For Review

Chosen Option: --

Q.23 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans

✓ 1. RSTY

X 2. HJLO

X 3. BDFA

X 4. PQRU

Question ID: 98958013701

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.24 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans

X 1. Condemn

× 2. Disparage

🗙 з. Denigrate

4. Awkward

Question ID: 98958013702

Status: Answered

Chosen Option: 4

Q.25 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the

db_cbd_ba_bd_bac_d

Ans

X 1 adbcd

√ 2. adcdb

X 3. bdcbd

X 4. dacdb

Question ID: 98958013707

Status: Marked For Review

Chosen Option: 4

Section: General Awareness

Q.1 On March 23rd, India observes _____ day/divas as a tribute to Bhagat Singh, Sukhdev and Rajguru on their death anniversary.

Ans

\chi 1. Vidroh Divas

2. Shaheed Divas

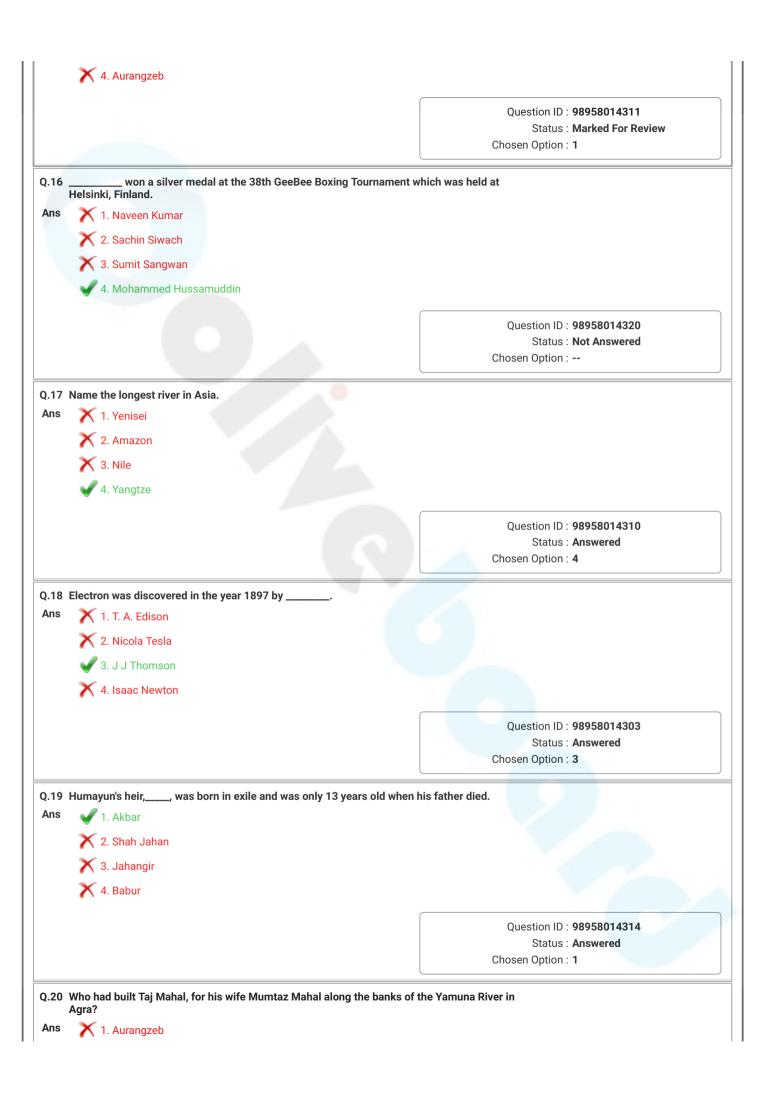
X 3. Protest Day

🗙 4. Tribute Day

Question ID: 98958014321 Status: Answered Chosen Option : 2 Q.2 Which of the following is the longest rivers in India? Ans X 1. Kaveri X 2. Godavari 3. Brahmaputra X 4. Ganga Question ID: 98958014308 Status: Answered Chosen Option: 4 Q.3 Akbar was succeeded by his son, Salim, who took the title of_____, meaning 'Conqueror of Ans X 1. Shah Jahan 2. Jahangir 🗙 3. Badshah 🗙 4. Jahapana Ouestion ID: 98958014313 Status: Answered Chosen Option: 2 Q.4 Who was the prime minister of India during "the Emergency" between the year 1975 to Ans 1. Indira Gandhi \chi 2. Rajiv Gandhi 3. Moraj Desai X 4. Charan Singh Ouestion ID: 98958014317 Status: Answered Chosen Option: 1 Q.5 The Victoria Memorial, conceived by Lord Curzon, represents the architectural climax of _ city. Ans 1. Jaipur 2. Kolkata 3. Mumbai X 4. Delhi Question ID: 98958014300 Status: Answered Chosen Option : 2 Q.6 World Day 2019 was observed on 23 March with the theme 'The Sun, the Earth and the weather'. Ans 🟋 1. Geographical

	X 3. Astrological	
	4. Meteorological	
		Question ID: 98958014322
		Status: Answered
		Chosen Option : 4
Q.7	Indian naval officer Commander became the only prestigious Golden Globe Race (GGR), which commence in France on 1 July 2018.	
Ans	X 1. Pradeep Singh	
	× 2. Mahendra Nath Mulla	
	√ 3. Abhilash Tomy	
	X 4. Rajesh Dhankhar	
		Question ID : 98958014316
		Status : Not Answered Chosen Option :
		·
Q.8	Pierre Curie shared the 1903 Nobel Prize in Physics wit Becquerel for their discoveries related to	h his wife, Marie Curie, and Henri
Ans	1. thermodynamics	
	× 2. mirror images	
	3. radioactivity 4. X-rays	
	X 4 X-rays	
	,	
	, and eye	Question ID : 98958014304
		Status : Answered
Q.9	A occurs when a government's total expend	Status : Answered Chosen Option : 3
	A occurs when a government's total expend generates, excluding money from borrowings.	Status : Answered Chosen Option : 3
	A occurs when a government's total expend generates, excluding money from borrowings. 1. Current Account Deficit	Status : Answered Chosen Option : 3
	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit	Status : Answered Chosen Option : 3
	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit	Status : Answered Chosen Option : 3
	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit	Status : Answered Chosen Option : 3
	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit	Status : Answered Chosen Option : 3 ditures exceed the revenue that it
	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit	Status : Answered Chosen Option : 3 ditures exceed the revenue that it Question ID : 98958014302
	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit	Status: Answered Chosen Option: 3 ditures exceed the revenue that it Question ID: 98958014302 Status: Not Attempted and Marked For Review
Q.9 Ans	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit	Status : Answered Chosen Option : 3 ditures exceed the revenue that it Question ID : 98958014302
Ans	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit	Status: Answered Chosen Option: 3 ditures exceed the revenue that it Question ID: 98958014302 Status: Not Attempted and Marked For Review Chosen Option:
Ans	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit 4. Fiscal Deficit	Chosen Option : 3 ditures exceed the revenue that it Question ID : 98958014302 Status : Not Attempted and Marked For Review Chosen Option :
Ans	A occurs when a government's total expendence generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit 4. Fiscal Deficit	Chosen Option : 3 ditures exceed the revenue that it Question ID : 98958014302 Status : Not Attempted and Marked For Review Chosen Option :
Ans	A occurs when a government's total expendence of generates, excluding money from borrowings. 1. Current Account Deficit 2. Budgetary Deficit 3. Revenue Deficit 4. Fiscal Deficit 1. Pierre Curie	Chosen Option : 3 ditures exceed the revenue that it Question ID : 98958014302 Status : Not Attempted and Marked For Review Chosen Option :

	Status : Answered Chosen Option : 2
11 Which of the following was the good	A in a stant also as aborishing of Indials and a through subtle
colonial period?	st important characteristic of India's trade throughout the
Ans X 1. Import surplus	
2. Import deficiency	
3. Export deficiency	
4. Export surplus	
	Question ID: 98958014301 Status: Answered
	Chosen Option: 1
0.12 William Crookes was a physical che	emist who discovered and named the element
Ans X 1. plutonium	
2. germanium	
✓ 3. thallium	
4. beryllium	
. Dolymani	
	Question ID: 98958014306
	Status: Not Answered Chosen Option:
appointed as the new chairperson of Ans 1. Justice Jawad Rahim 2. Adarsh Kumar Goel 3. Raghuvendra Singh	
\chi 4. Sonam Phintso Wangdi	
	Question ID: 98958014315
	Status : Answered
	Status : Answered
2.14 Which Indian monument was built b	Status : Answered Chosen Option : 2
2.14 Which Indian monument was built b	Status : Answered Chosen Option : 2
Q.14 Which Indian monument was built b Ans 1. Hawa Mahal	Status : Answered Chosen Option : 2
Q.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace	Status : Answered Chosen Option : 2
Q.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace 3. Mattancherry Palace	Status : Answered Chosen Option : 2 by Maharaja Sawai Pratap Singh in the year 1799?
2.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace 3. Mattancherry Palace	Status : Answered Chosen Option : 2
Q.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace 3. Mattancherry Palace	Status : Answered Chosen Option : 2 by Maharaja Sawai Pratap Singh in the year 1799? Question ID : 98958014299
Q.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace 3. Mattancherry Palace 4. Mysore Palace	Status : Answered Chosen Option : 2 Dy Maharaja Sawai Pratap Singh in the year 1799? Question ID : 98958014299 Status : Answered Chosen Option : 1 in Delhi stand out as towering achievements of
Q.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace 3. Mattancherry Palace 4. Mysore Palace Q.15 The Red Fort and the Jama Masjid is architecture during the reign of	Status: Answered Chosen Option: 2 Dy Maharaja Sawai Pratap Singh in the year 1799? Question ID: 98958014299 Status: Answered Chosen Option: 1 in Delhi stand out as towering achievements of
Q.14 Which Indian monument was built be Ans 1. Hawa Mahal 2. Leh Palace 3. Mattancherry Palace 4. Mysore Palace Q.15 The Red Fort and the Jama Masjid is architecture during the reign of	Status : Answered Chosen Option : 2 Dy Maharaja Sawai Pratap Singh in the year 1799? Question ID : 98958014299 Status : Answered Chosen Option : 1 in Delhi stand out as towering achievements of



× 2. Akbar 3. Jahangir 4. Shah Jahan Question ID: 98958014312 Status: Answered Chosen Option: 4 Q.21 Which river passes through maximum number of countries? X 1. Rhine 2. Danube 3. Amazon X 4. Volga Question ID: 98958014309 Status: Marked For Review Chosen Option: 3 Q.22 In its Global Economic Outlook report, Fitch Ratings cut India's economic growth forecast for the next financial year 2019-20 starting from April 1 to ___% from its previous estimate Ans **X** 1. 6.2 Question ID: 98958014323 Status: Answered Chosen Option: 3 Q.23 Constition Amendment Act, 2002 provided for free and compulsory elementary education to all children. Ans X 1. 84th 3. 86th X 4. 87th Question ID: 98958014318 Status : Not Attempted and Marked For Review Chosen Option: -received the very first Nobel Prize in Physics in 1901 for his discovery of X-rays. Q.24 Ans 1. Wilhelm Röntgen 2. William Thomson 3. Louis Pasteur X 4. William Crookes Ouestion ID: 98958014305 Status: Answered

	Chosen Option : 1	
n India at the 38th GeeBee Boxin o amongst the following is NOT o		



X 4. Sachin Siwach

Question ID : 98958014319 Status : Not Answered Chosen Option : --

Section: Quantitative Aptitude

Q.1 A sum of ₹ x was borrowed and paid back in two equal yearly instalments, each of ₹35,280. If the rate of interest was 5%, compounded annually, then the value of x is:

Ans

- X 1. 64,400
- **2**. 65,600
- × 3. 64,800
- × 4. 65,400

Question ID : 98958013306

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.2 In $\triangle ABC$, $\angle A$ is a right angle. The lengths of AC and BC are 6 cm and 10 cm respectively. Point D is on AB such that BD = 4 cm. What is the length of CD?

Ans

- ✓ 1. 2√13 cm
- \times 2. $3\sqrt{10}$ cm
- \times 3. $2\sqrt{10}$ cm
- × 4. 3√13 cm

Question ID: 98958013315 Status: Answered

Chosen Option: 1

Q.3 ABCD is a quadrilateral whose side AB is the diameter of a circle through A, B, C and D. If ∠ADC = 130°, then the measure of ∠BAC is:

Ans

- √ 1. 40°
- X 2. 45°
- X 3. 35°
- X 4. 50°

Question ID: 98958013313

Status : Not Attempted and Marked For Review

Q.4 In △ABC, AD bisects ∠A which meets BC at D. If BC = a, AC = b and AB = c, then DC =

Ans

$$\times$$
 2. $\frac{ac}{a+c}$

$$X$$
 3. $\frac{bc}{a+c}$

Question ID: 98958013316

Status: Not Answered

Chosen Option: --

Q.5 If
$$9a^2 + 4b^2 + c^2 + 21 = 4(3a + b - 2c)$$
, then the value of $(9a + 4b - c)$ is:

Ans

Question ID: 98958013311

Status: Not Answered

Chosen Option: --

If
$$\sin\theta = \frac{a}{\sqrt{a^2+b^2}}$$
, $0^\circ < \theta < 90^\circ$, then the value of $\sec\theta + \tan\theta$ is:

Ans

$$\sqrt{1}$$
 1. $\sqrt{a^2+b^2}+a$

$$3. \frac{\sqrt{a^2+b^2}+a}{2b}$$

$$\chi$$
 4. $\frac{\sqrt{a^2+b^2}+b}{a}$

Question ID: 98958013319

Status: Answered

Chosen Option: 1

Q.7 The table shows the production of different types of cars (in thousands).

100	ar .				
Cm	2010	2011	2012	2013	2014
A	46	69	61	57	63
В	40	56	52	68	64
с	54	55	45	60	56
D	42	53	44	56	65
E	68	67	61	64	72

What is the ratio of the total production of type B cars in 2011 and type E cars in 2013 taken together to the total production of type C cars in 2014 and type D cars in 2012 taken together?

Ans





Ouestion ID: 98958013320 Status: Not Answered

Chosen Option: --

A is 20% less than B while C is 20% more than D. If D is 25% less than A, then which of the following is true?

$$\times$$
 1. B = 0.675 C

$$✓$$
 2. $C = 0.72 B$

$$\times$$
 3. B = 0.72 C

$$\times$$
 4. C = 0.675 B

Question ID: 98958013303 Status: Not Answered

Chosen Option: --

A person can row a distance of 4 km upstream in one hour 20 minutes and can row back to the starting point in just 24 Q.9 minutes. How much time (in hours) will he take to row 13 km in still water?

Ans

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

Question ID: 98958013308

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.10 A person sold 25 articles for ₹2,500 and incurred a loss of 10%. How many articles should he sell for ₹2,400 to make a profit of 20%?

Ans

Question ID: 98958013304

Not Attempted and Marked For Review Status:

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

Ye					Τ
Car	2010	2011	2012	2013	2014
A .	46	69	61	57	63
В	40	56	52	68	64
c	54	55	45	60	56
D	42	53	44	56	65
E	68	67	61	64	72

If the data related to the production of type C cars is represented by a pie-chart, then the central angle of the sector representing production of cars in 2012 will be:

Ans

X 1. 72°

× 2. 73 \frac{1}{3} \cdot

√ 3. 60°

X 4. 80°

Question ID: 98958013321 Status: Not Answered

Chosen Option: --

Q.12 If $(135\sqrt{5}x^3 - 2\sqrt{2}y^3) \div (3\sqrt{5}x - \sqrt{2}y) = Ax^2 + By^2 + \sqrt{10} Cxy$, then the value of (A + B - 9C) is:

X 1. 18

X 2. 12

3. 20

X 4. 10

Question ID: 98958013310 Status: Not Answered

Chosen Option: --

Q.13 In a circle of radius 10 cm and centre O, PQ and PR are two equal chords, each of length 12 cm. What is the length (in cm) of chord QR?

Ans

X 1. 18.6

X 2. 20.4

X 3. 18.4

√ 4. 19.2

Ouestion ID: 98958013314 Status: Not Answered

Chosen Option: --

Q.14 If the 10-digit number 897359y7x2 is divisible by 72, then what is the value of (3x-y), for the possible greatest value of

Ans X 1. 3

X 4. 5

Question ID: 98958013299 Status: Not Answered

X 1. 65.5

√ 2. 63.2

X 3. 62.4

X 4. 61.8

Question ID: 98958013309

Status : **Answered**

Chosen Option: 3

Q.16 The value of
$$7\frac{1}{2} \times \left(3\frac{1}{5} \div 4\frac{1}{2} \text{ of } 5\frac{1}{3}\right) + \left[11 - \left(\frac{5}{8} + 3 - 1\frac{1}{4}\right)\right] \div 5\frac{3}{4} - 5 \div 5 \times 5 \text{ of } 5 \div 25 \text{ is:}$$

Ans

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

× 2. 1

X 3. $\frac{3}{10}$

 $\sqrt{4.1\frac{1}{2}}$

Question ID: 98958013300

Status: Not Answered

Chosen Option: --

Q.17 If
$$x^2 - 3x - 1 = 0$$
, then the value of $(x^2 + 8x - 1)(x^3 + x^{-1})^{-1}$ is:

Ans

X 1.

X 2. §

3.]

X 4. 3

Question ID : 98958013312

Status: Not Answered

Chosen Option : --

Q.18 The table shows the production of different types of cars (in thousands).

10	ne				
CM	2010	2011	2012	2013	2014
A	46	69	61	57	63
В	40	56	52	68	64
c	54	55	45	60	56
D	42	53	44	56	65
8	68	67	61	64	72

The average production of all type of cars in 2014 is approximately what percent less than the total production of type B cars in 2013 and type D cars in 2010 taken together?

Ans

1. 41.8%

X 2. 44.9%

X 3. 43.2%

Question ID: 98958013323 Status: Not Answered

Chosen Option: --

Q.19 To do a certain work, A and B work on alternate days, with B beginning the work on the first day. A can finish the work

alone in 48 days. If the work gets completed in $11\frac{1}{2}$ days, then B alone can finish 4 times the same work in:

Ans

- X 1. 24 days
- X 2. 32 days
- √ 3. 27 days
- X 4. 30 days

Question ID: 98958013307 Status: Not Answered

Chosen Option: --

Q.20 If $\cos^2\theta - 3\cos\theta + 2 = \sin^2\theta$, $0^\circ < \theta < 90^\circ$, then the value of $2\csc\theta + 4\cot\theta$ is:

- \times 2. $\frac{4\sqrt{3}}{4}$
- × 3. 2√3
- × 4. 4√3

Question ID: 98958013317 Status: Not Answered

Chosen Option: --

If $\left(\frac{\tan\theta-\sec\theta+1}{\tan\theta+\sec\theta-1}\right)\sec\theta=\frac{1}{k}$, then k=_____.

- Ans $\sqrt{1.1} + \sin\theta$
 - \times 2. 1 $\cos\theta$
 - \times 3. 1 + cos θ
 - \times 4. $1 \sin\theta$

Question ID: 98958013318 Status: Not Answered

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

1	ar				
Car	2010	2011	2012	2013	2014
Α	46	69	61	57	63
В	40	56	52	68	64
c	54	55	45	60	56
D	42	53	44	56	65
		47			-

The total production of type A cars in 2011, and type C cars and type E cars in 2012 taken together is what percent of the total production of type B cars during 2010 to 2014?

Ans

X 1. 60.4%

X 2. 54.7%

√ 3. 62.5%

X 4. 58.8%

Question ID: 98958013322 Status: Not Answered

Chosen Option: --

Q.23 The total number of students in section A and B of a class is 110. The number of students in section A is 10 more than that of section B. The average score of the students in B, in a test, is 20% more than that of students in A. If the average score of all the students in the class is 72, then what is the average score of the students in A?

Ans

1. 66

X 2. 68

X 3. 63

X 4. 70

Question ID: 98958013301 Status: Not Answered

Chosen Option: --

Q.24 A shopkeeper sells an item for ₹492 after allowing 18% discount on its marked price. Had he NOT allowed any discount, he would have earned a profit of 20% on the cost price. What is the cost price of the item?

Ans

√ 1. ₹500

X 2. ₹640

X 3. ₹540

X 4. ₹600

Question ID: 98958013302 Status: Not Answered

Chosen Option: --

Q.25 The prices of two articles are in the ratio 4:5. If the price of the first article is increased by x% and that of the other is decreased by 30%, then the new prices of A and B will be in the ratio 10:7. The value of x is:

Ans

X 1. 24.5

X 2. 22.5

3. 25

X 4. 20

Question ID: 98958013305 Status: Not Answered

Section: English Comprehension 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. During the reign of Aurangzeb, the last of the Mughals, there (1)_ __ revolts against the __ were the revolts of the Marathas, the Sikhs, the Jats and (3)__ After the death of Aurangzeb, the Mughal empire began to (4)_____ fairly fast. The country soon (5)_____ into smaller territories many of which became more or less independent. SubQuestion No: 1 Q.1 Select the most appropriate option for blank No. 1. X 1. have been 3. are Question ID: 98958012597 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. During the reign of Aurangzeb, the last of the Mughals, there (1)___ revolts against the empire. (2)_____ were the revolts of the Marathas, the Sikhs, the Jats and (3)_ After the death of Aurangzeb, the Mughal empire began to (4)_____ fairly fast. The country __ into smaller territories many of which became more or less independent. soon (5)_ SubQuestion No: 2 Q.2 Select the most appropriate option for blank No. 2. Ans 1. These 3. That Question ID: 98958012598 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. During the reign of Aurangzeb, the last of the Mughals, there (1)_____ revolts against the empire. (2) were the revolts of the Marathas, the Sikhs, the Jats and (3) others. After the death of Aurangzeb, the Mughal empire began to (4) fairly fast. The country _ into smaller territories many of which became more or less independent. soon (5)___ SubQuestion No: 3 Q.3 Select the most appropriate option for blank No. 3. Ans

Question ID: 98958012599 Status: Answered

Chosen Option: 2

-			
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00111	P1 C11	0110	0111

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.

During the reign of Aurangzeb, the last of the Mughals, there (1)_____ revolts against the empire. (2)____ were the revolts of the Marathas, the Sikhs, the Jats and (3)____ others. After the death of Aurangzeb, the Mughal empire began to (4)____ fairly fast. The country soon (5)____ into smaller territories many of which became more or less independent.

SubQuestion No: 4

Q.4 Select the most appropriate option for blank No. 4.

Ans

X 1. disperse

X 2. disturb

X 3. disrupt

4. disintegrate

Question ID: 98958012600 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.

During the reign of Aurangzeb, the last of the Mughals, there (1)_____ revolts against the empire. (2)____ were the revolts of the Marathas, the Sikhs, the Jats and (3)___ others. After the death of Aurangzeb, the Mughal empire began to (4)____ fairly fast. The country soon (5)___ into smaller territories many of which became more or less independent.

SubQuestion No: 5

Q.5 Select the most appropriate option for blank No. 5.

Ans

\chi 1. broke in

X 2. broke off

X 3. broke out

4. broke up

Question ID: 98958012601

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.6 In the sentence identify the segment which contains the grammatical error.

The Japanese artist Yoh Nagao was busy splashing the wall from colours.

Ans

🔨 1. splashing the wall

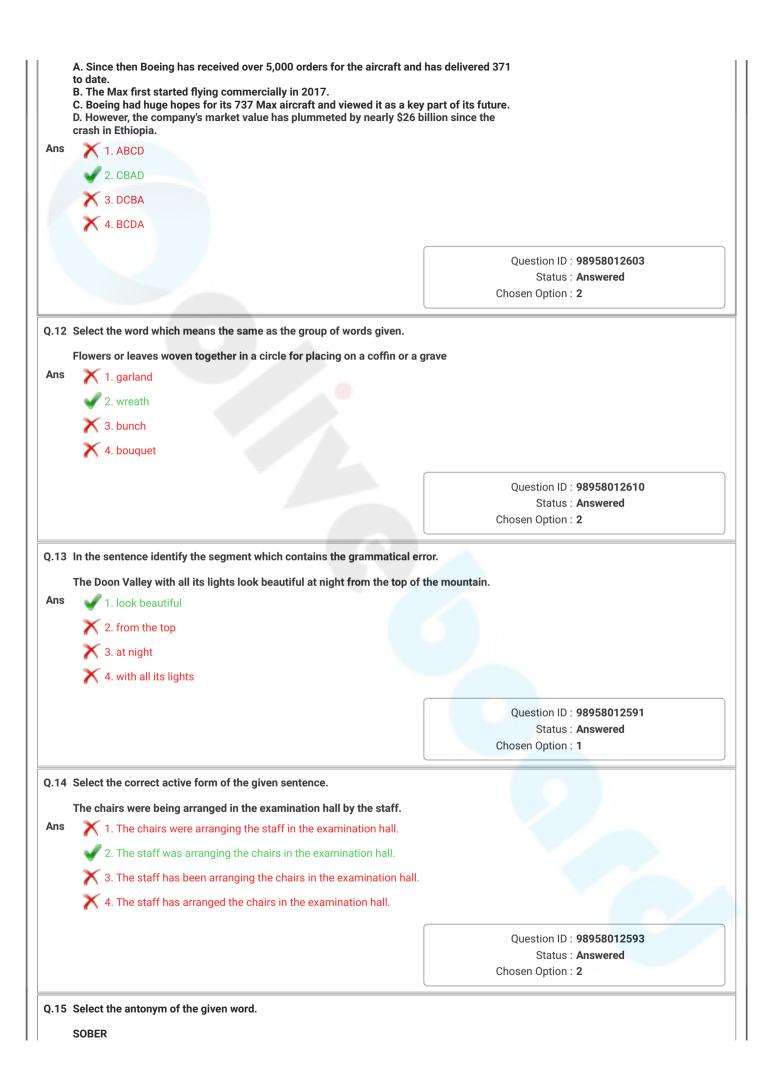
\chi 2. was busy

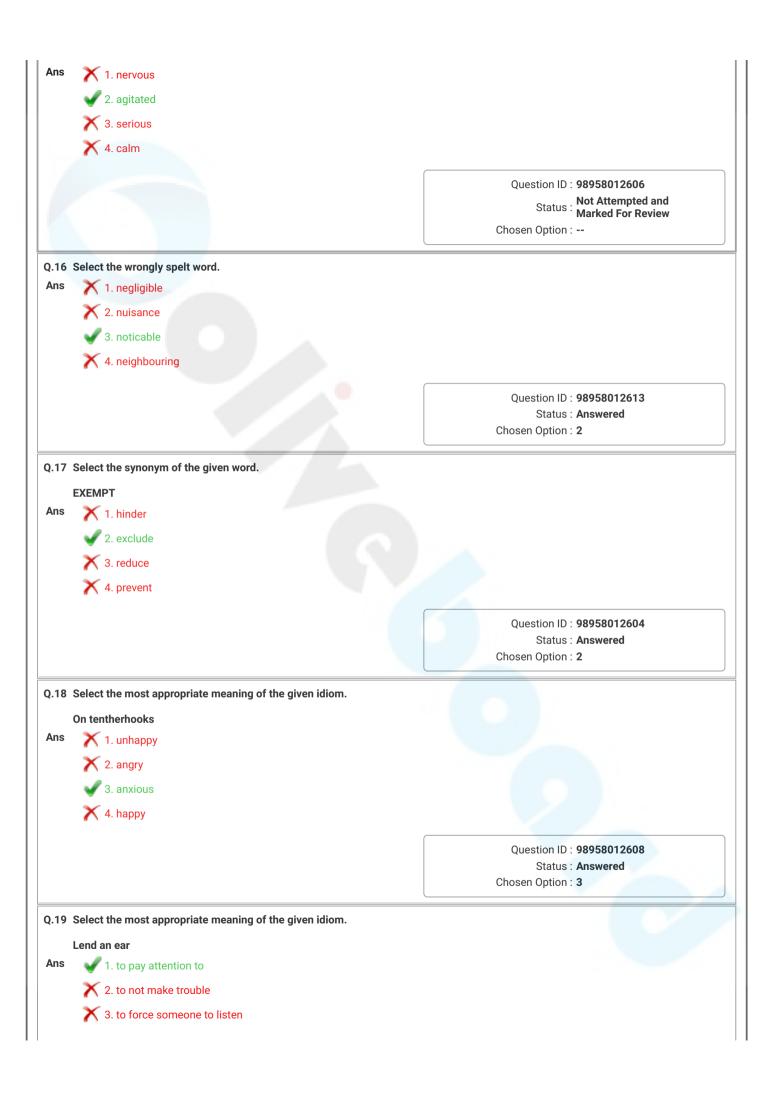
3. from colours

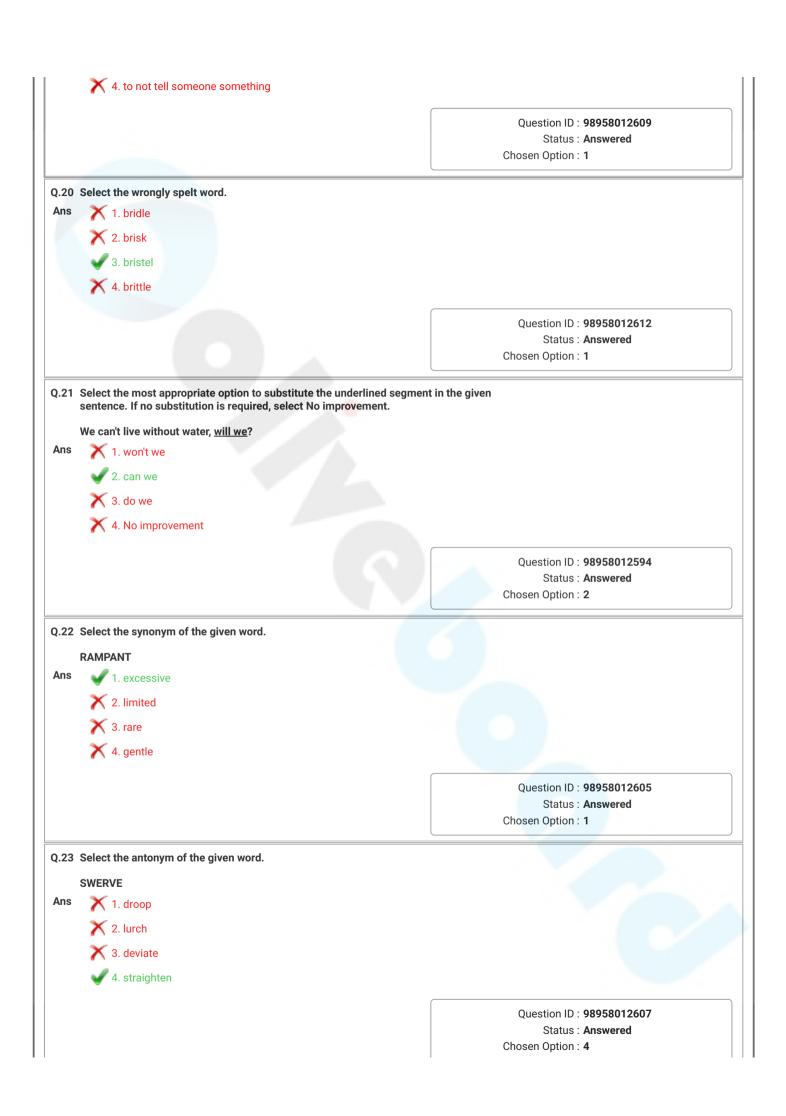
X 4. The Japanese artist

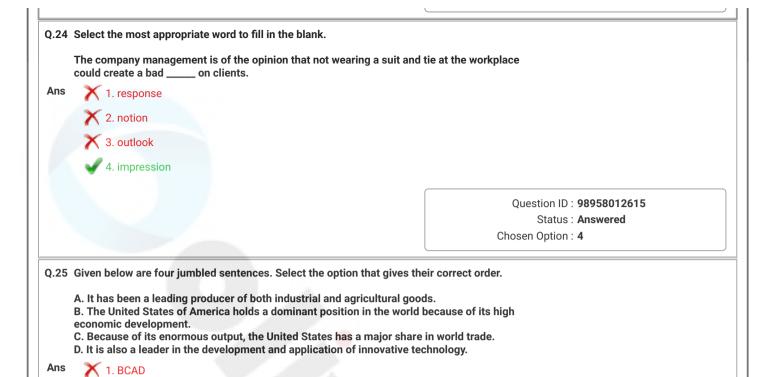
Question ID: 98958012590 Status: Answered

Q.7 Select the correct passive form of the given sentence. Please take the guest to his room on the 6th floor. Ans 1. The guest should be took to his room on the 6th floor. 2. You are requested to take the guest to his room on the 6th floor. 3. You must take the guest to his room on the 6th floor. 4. Let the guest be taking to his room on the 6th floor. Ouestion ID: 98958012592 Status: Answered Chosen Option: 2 Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. His school was 7 km away from his house. I wondered how he covered so long distance daily on foot. Ans X 1. so long the distance X 2. No improvement X 3. such long distance 4. such a long distance Question ID: 98958012595 Status: Answered Chosen Option: 4 Q.9 Select the most appropriate word to fill in the blank. India is the second largest _____ of cotton in the world. Ans X 1. creator 2. producer X 3. grower 🗙 4. manufacturer Ouestion ID: 98958012614 Status: Answered Chosen Option: 2 Q.10 Select the word which means the same as the group of words given. a large, deep pot used both in the oven and as a serving vessel. Ans 🗙 1. sauce-pan 2. casserole X 3. skillet X 4. cauldron Ouestion ID: 98958012611 Status: Answered Chosen Option: 2 Q.11 Given below are four jumbled sentences. Select the option that gives their correct order.









2. ABCD

X 4. DABC

Question ID: 98958012602 Status: Answered