## **CGLE- Combined Graduate Level Tier-I. 2018 Examination**

Roll No.	
Registration No.	
Name	
Test Venue	
Test Time	10:00 AM - 11:00 AM
Test Date	06/06/2019

Section: General Intelligence and Reasoning

Q.1 Which number will replace the question mark (?) in the following series?

98, 95, 86, 82, 66, ?, 36

Ans X 1. 58

X 2. 60

**√** 3. 61

**X** 4. 63

Question ID: 98958013087 Status: Answered

Chosen Option: 3

Q.2 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(8, 12, 24)

Ans 1. (6, 9, 18)

× 2. (12, 20, 40)

X 3. (6, 10, 18)

X 4. (9, 18, 27)

Question ID: 98958013090

Status: Answered

Chosen Option: 3

Q.3 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.

MNOP: LONQ:: FGHI:?

Ans

X 1. GFIJ

X 2. EGHJ

X 3. DHGK

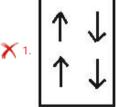
✓ 4. EHGJ

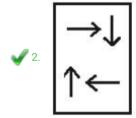
Ouestion ID: 98958013076

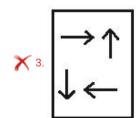
Status: Answered

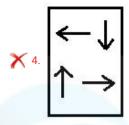
Chosen Option: 4

How many squares are there in the following figure? Ans X 1. 12 Question ID: 98958013095 Status: Answered Chosen Option: 3 Select the figure that will come next in the following figure series. Ans









Question ID: 98958013094 Status: Not Answered

Chosen Option: --

Q.6 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. 3:11

√ 2. 13:98

X 3. 12:85

X 4. 16: 145

Question ID: 98958013088 Status: Not Answered

Chosen Option: --

Q.7 'Cinema' is related to 'Audience' in the same way as 'Church' is related to '\_\_\_\_\_.'

Ans

√ 1. Congregation

X 2. Meditation

X 3. Concentration

X 4. Prayer

Question ID: 98958013080

Status: Answered

Chosen Option: 1

Q.8 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

X 1. RQST

✓ 2. FGHJ

X 3. MLNO

X 4. CBDE

Question ID: 98958013078

Status: Answered

Chosen Option: 2

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

(5, 13, 12)

Ans X 1. (13, 17, 11)

× 2. (11, 15, 9)

X 3. (15, 19, 13)

**4**. (6, 10, 8)

Ouestion ID: 98958013091 Status: Not Answered

Chosen Option: --

Q.10 If CAB is coded as 6 and BED is coded as 40, then how will HAD be coded as?

- Ans X 1. 16
  - X 2. 52
  - **3**. 32
  - X 4. 46

Question ID: 98958013083 Status: Not Answered

Chosen Option: --

Q.11 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 crow is a bird.

All birds are animals.

#### Conclusions:

- I. Some animals are crows.
- II. Some animals are birds.
- III. No animal is a crow.

Ans

- 1. Only conclusions I and III follow
- X 2. None of the conclusions follows
- ★ 3. Only conclusion III follows
- 4. Conclusion II and either conclusion I or III follows

Question ID: 98958013086

Status: Answered

Chosen Option: 4

Q.12 D, C का पुत्र और E का आई है और E, F की भतीजी (niece) है। C, B की बहन है और A की अंटी है। B के पिता के दो बच्चे अर्थात् एक पुत्र और एक पुत्री है। यदि A, F का पुत्र है तो, F का C से क्या संबंध है?

Ans

- X 1 चचेरा आई
- 🗙 2. बुआ
- **√** 3. आभी
- 🗙 ४. बहन

Question ID: 98958013085 Status: Not Answered

Chosen Option: --

Two different positions of the same dice are shown. Which number will be at the top if 4 is at the bottom? Ans Question ID: 98958013096 Status: Answered Chosen Option: 3 Q.14 In a code language, COMPUTER is written as OCREPMTU. How will DAUGHTER be written in the same language? X 1. READTHGU × 2. ADTHREGU √ 3. ADREGUTH X 4. ADERUGTH Question ID: 98958013082 Status: Answered Chosen Option: 3 Q.15 The sequence of folding a piece of square paper (figures X and Y) and the manner in which the folded paper has been cut (figure Z) are shown. How will the paper appear when unfolded? Ans

> Question ID : 98958013099 Status : Not Answered

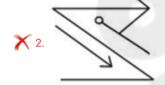
Chosen Option: --

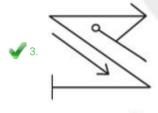
Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Ans









Question ID: 98958013098

Status: Answered

Chosen Option: 3

Q.17 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans

- X 1. Krishna
- × 2. Mahanadi
- 🗸 3. Tapti
- X 4. Godavari

Question ID: 98958013079 Status: Not Answered

Chosen Option: --

Q.18 Which two signs should be interchanged in the following equation to make it correct?

$$10 + 5 \div 10 \times 8 - 10 = 16$$

Ans

- X 1. + and ÷
- √ 2. and +

X	3.	÷	and	X
X	4.	×	and	+

Question ID: 98958013092 Status: Answered

Chosen Option: 2

Q.19 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the

bac\_cab\_cd\_a\_ac\_ca

Ans

X 1. bdabc

X 2. dcbac

X 3. cadbe

√ 4. dacbd

Question ID: 98958013084 Status: Answered Chosen Option: 4

Q.20 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

1. 338

X 2. 217

X 3. 28

X 4. 65

Question ID: 98958013089 Status: Not Answered

Chosen Option: --

Q.21 Select the Venn diagram that best illustrates the relationship between the following classes.

Snakes, Reptiles, Poisonous

Ans











Question ID : 98958013100 Status : Answered Chosen Option : 1

2 Two mixtures contain milk and juice in the ratio of 2: together, what would be ratio of milk to juice in the res	1 and 4:5. If equal volumes of the two mixtures are mixed
ns X 1. 7:5	solding mixture:
- 000000E	
× 2. 1 : 1	
× 3. 5:3	
<b>√</b> 4. 5 : 4	
	Question ID : 98958013093
	Status : <b>Answered</b>
	Chosen Option : 4
.23 निम्नलिखित दिए गए विकल्पों में से उस शब्द युग्म	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
.23 निम्नलिखित दिए गए विकल्पों में से उस शब्द युग्म प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
.23 निम्नलिखित दिए गए विकल्पों में से उस शब्द युग्म प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
.23 निम्नलिखित दिए गए विकल्पों में से उस शब्द युग्म प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस उदासीनता : उत्साह	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस उदासीनता : उत्साह	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस उदासीनता : उत्साह uns 1. युद्ध : हमला	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
उदासीनता : उत्साह Ans X 1. युद्ध : हमला X 2. संधि : मित्रता	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस उदासीनता : उत्साह  1. युद्ध : हमला  2. संधि : मित्रता	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस  उदासीनता : उत्साह  1. युद्ध : हमला  2. संधि : मित्रता  3. नामांकन : सेवायोजन	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस  उदासीनता : उत्साह  1. युद्ध : हमला  2. संधि : मित्रता	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस  उदासीनता : उत्साह  1. युद्ध : हमला  2. संधि : मित्रता  3. नामांकन : सेवायोजन	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस  उदासीनता : उत्साह  ** 1. युद्ध : हमला  ** 2. संधि : मित्रता  ** 3. नामांकन : सेवायोजन	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस
प्रकार नीचे लिखे गए शब्द युग्म के दोनों शब्द आपस  उदासीनता : उत्साह  1. युद्ध : हमला  2. संधि : मित्रता  3. नामांकन : सेवायोजन	का चयन कीजिए जो आपस में उसी प्रकार संबंधित है जिस में संबंधित है।

Student

Interview

Education

Retirement

Degree

**√** 2. 1, 4, 6, 3, 2, 5

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

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

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

Job

1.

2.

3.

4.

5.

6.

Question ID: 98958013077

Status: Answered

Chosen Option: 2

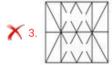
# Q.25 Select the option in which the given figure is embedded.

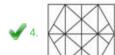


Ans









Question ID: 98958013097 Status: Answered

Chosen Option: 3

Section: General Awareness

## Q.1 Which of the following destroys the ozone layer?

Ans

X 1. Sulphur

X 2. Carbon

3. Chlorine

X 4. Silicon

Question ID: 98958014155 Status: Answered

Chosen Option : 2

## Q.2 Who founded and named the science of electromagnetism?

Ans

\chi 1. Michael Faraday

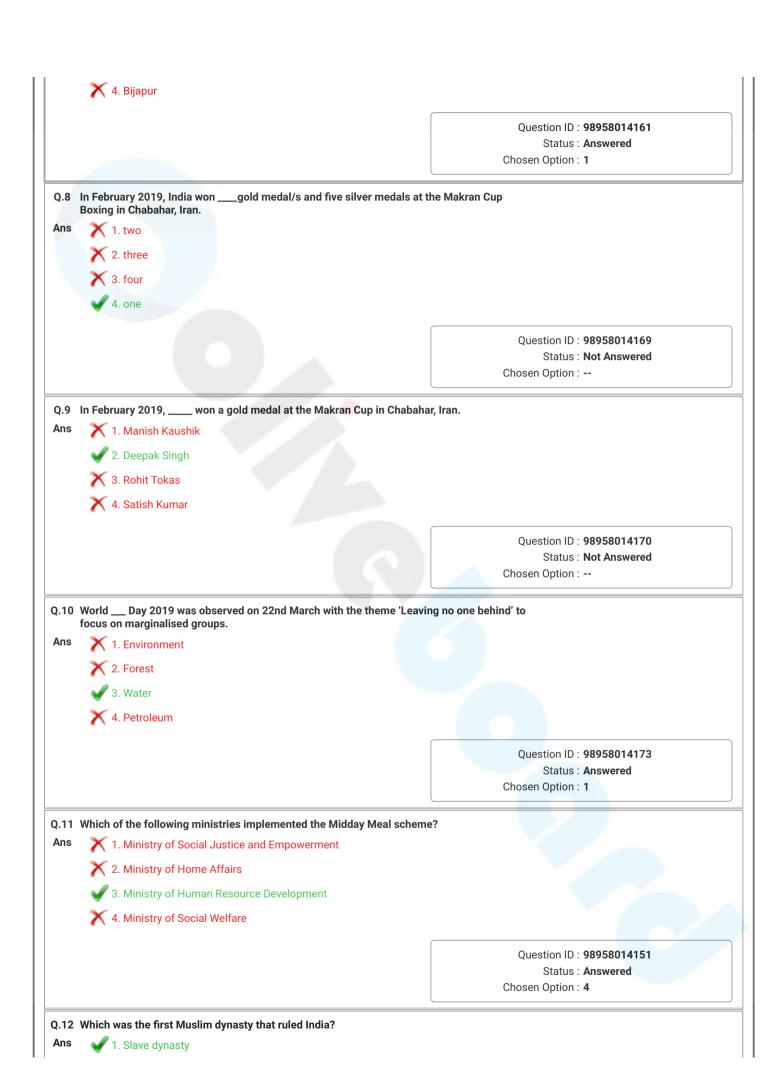
X 2. James Clerk

X 3. Hans Christian Oersted

4. Andre Marie Ampère

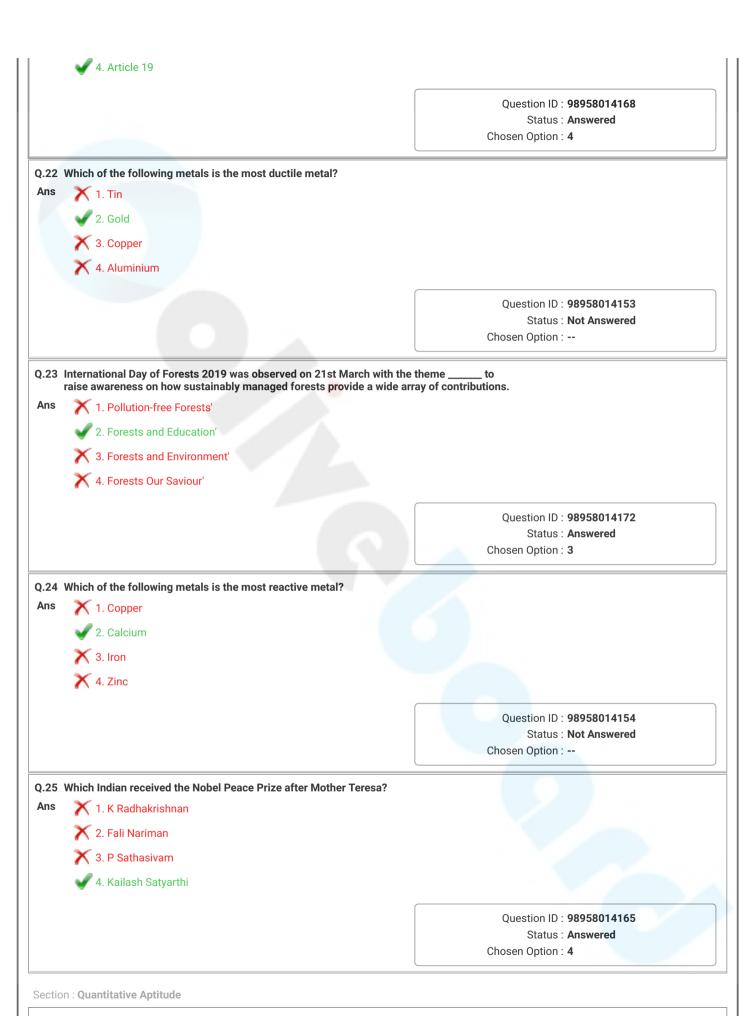
Status: Answered Chosen Option: 1 Q.3 was the first Muslim ruler whose empire covered almost the whole of India up to its extreme south. 🗹 1. Alauddin Khilji Ans X 2. Jalal-ud-din Khilji X 3. Ghiyas ud din Balban X 4. Feroz Shah Tughlaq Question ID: 98958014163 Status: Not Answered Chosen Option : --Q.4 Where is the Bandipur National Park located? 🚅 1. Karnataka X 2. Kerala X 3. Gujarat X 4. Sikkim Question ID: 98958014160 Status: Marked For Review Chosen Option: 1 Q.5 The popular Bagh cave paintings are found in 📝 1. Madhya Pradesh 2. Himachal Pradesh X 3. Sikkim 🗶 4. Odisha Question ID: 98958014149 Status: Not Answered Chosen Option: --Q.6 What is deposited on iron in the process of galvanisation? 🗙 1. Copper 2. Zinc 3. Tin X 4. Aluminium Question ID: 98958014156 Status: Answered Chosen Option: 2 Q.7 The Badami Chalukyas first had their capital at \_\_\_\_ before they moved it to Badami. Ans X 1. Pattadakal 2. Aihole X 3. Hubli

Question ID: 98958014157



X 2. Tughlaq dynasty X 3. Lodhi dynasty 🗙 4. Khilji dynasty Question ID: 98958014162 Status: Answered Chosen Option: 1 Q.13 Lok Adalats have been created under \_ Ans 1. Legal Services Authority Act 2. Administration of Justice Act 3. Arbitration and Conciliation Act X 4. Legal Conciliation Act Ouestion ID: 98958014167 Status: Answered Chosen Option: 3 Q.14 Which is the longest national highway in India? X 1. National Highway 48 2. National Highway 44 3. National Highway 53 X 4. National Highway 27 Question ID: 98958014159 Status: Answered Chosen Option: 2 Q.15 Name the Indian Space Research Organisation (ISRO) chairman and Padma Bhushan awardee who created and unleashed a historical moment when Mars Orbiter became the first Indian spacecraft to enter Martian orbit in a maiden attempt. Ans 1. Sundar Pichai 2. K Radhakrishnan 3. Fali Nariman X 4. Nandan Nilekani Question ID: 98958014166 Status: Answered Chosen Option: 4 Q.16 Who among the following was a slave of Muhammad Ghori? He became the ruler after the death of his master and founded the Slave Dynasty. Ans 1. Ghiyas ud din Balban 2. Iltutmish 3. Nasir-ud-din Mahmud 4. Qutub-ud-din Aibak Question ID: 98958014164 Status: Not Answered Chosen Option: --

.17	, which connects Sikkim with Tibet, was closed at	fter the Chinese aggression on
	India in 1962 but was reopened in 2006 as the governmen enhance their trade through land routes.	its of the two countries decided to
ns	X 1. Imis La	
	X 2. Pensi La	
	X 3. Lanak La	
	√ 4. Nathu La	
		Question ID: 98958014158
		Status : Answered
		Chosen Option : 4
.18	Who was awarded the Rabindranath Tagore Literary Prize	2019 for the Novel 'Solo'?
ns	X 1. Nayanjyot Mukherjee	
	🗸 2. Rana Dasgupta	
	X 3. Amitabh Ghosh	
	🗙 4. Jhumpa Lahiri	
		Ouestion ID: 98958014171
		Status: Answered
		Chosen Option : 4
	The colourful art named Nandna block print, which uses g of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand	raceful yet aligned arrangements
	of motifs on fabric, is practised in Tarapur village of	raceful yet aligned arrangements
	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha	
	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha	Question ID: 98958014150 Status: Answered
	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha	Question ID: 98958014150
Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha  4. Maharashtra  Which of the following does NOT come under the Quartern	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha  4. Maharashtra  Which of the following does NOT come under the Quartern  1. Information Technology	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha  4. Maharashtra  Which of the following does NOT come under the Quartern  1. Information Technology  2. Mining	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans 2.20	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand  2. Madhya Pradesh  3. Odisha  4. Maharashtra  Which of the following does NOT come under the Quartern  1. Information Technology  2. Mining	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans 2.20	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing	Question ID: 98958014150 Status: Answered Chosen Option: 4
Ans 2.20	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing	Question ID: 98958014150 Status: Answered Chosen Option: 4  Agreement    Question ID: 98958014152 Status: Not Answered
Ans 2.20	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing	Question ID: 98958014150 Status: Answered Chosen Option: 4  nary sector?  Question ID: 98958014152
Q.20 Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing	Question ID: 98958014150 Status: Answered Chosen Option: 4  Question ID: 98958014152 Status: Not Answered Chosen Option:
Q.20 Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarterr 1. Information Technology 2. Mining 3. Manufacturing 4. Fisheries	Question ID: 98958014150 Status: Answered Chosen Option: 4  Question ID: 98958014152 Status: Not Answered Chosen Option:
).20 Ans	of motifs on fabric, is practised in Tarapur village of  1. Uttarakhand 2. Madhya Pradesh 3. Odisha 4. Maharashtra  Which of the following does NOT come under the Quarter 1. Information Technology 2. Mining 3. Manufacturing 4. Fisheries  Right to move freely throughout the territory of India' is a fof the Constitution of India.	Question ID: 98958014150 Status: Answered Chosen Option: 4  Question ID: 98958014152 Status: Not Answered Chosen Option:



Q.1

A person sold an article at a loss of 8%. Had he sold it at a gain of 10.5%, he would have received ₹92.50 more. To gain 12%, he should have sold it for:

Ans

X 1 ₹540.50

**√** 2. ₹560

**X** 3. ₹580

X 4. ₹537.40

Question ID: 98958013200 Status: Answered

Chosen Option: 2

Q.2 A sum of ₹15,000 is lent at 16% p.a. compound interest. What is the difference between the compound interest for the second year and the third year?

Ans

X 1. ₹544

**√** 2. ₹445,44

X 3. ₹454.88

X 4. ₹548

Question ID: 98958013202 Status: Not Answered

Chosen Option: --

Q.3 The value of  $(5+3 \div 5 \times 5) \div (3 \div 3 \text{ of 6})$  of  $(4 \times 4 \div 4 \text{ of } 4 + 4 \div 4 \times 4)$  is:

Ans

 $\times$  1.  $8\frac{1}{5}$ 

 $\times$  2.  $7\frac{1}{3}$ 

√ 3. 9 <sup>3</sup>/<sub>5</sub>

 $\times$  4.  $6\frac{2}{3}$ 

Question ID: 98958013196

Status: Not Answered

Chosen Option: --

Q.4 The average of thirteen numbers is 80. The average of the first five numbers is 74.5 and that of the next five numbers is 82.5. The 11<sup>th</sup> number is 6 more than the 12<sup>th</sup> number and the 12<sup>th</sup> number is 6 less than the 13<sup>th</sup> number. What is the average of the 11<sup>th</sup> and the 13<sup>th</sup> numbers?

Ans

**1.** 87

X 2. 86

X 3. 86.5

X 4. 87.5

Question ID : 98958013197 Status : Answered

Chosen Option: 4

Q.5 A shopkeeper marks his goods at 40% more than their cost price and allows a discount of 25% on the marked price. His gain or loss percent is:

Ans

X 1. 5% loss

× 2. 15% gain

X 3. 10% loss

√ 4. 5% gain

Ouestion ID: 98958013198 Status: Answered

Chosen Option: 4

If ab + bc + ca = 8 and  $a^2 + b^2 + c^2 = 20$ , then a possible value of

$$\frac{1}{2}(a+b+c)[(a-b)^2+(b-c)^2+(c-a)^2]$$
 is:

X 2. 56

X 3. 84

X 4. 80

Ouestion ID: 98958013208 Status: Not Answered

Chosen Option: --

 $\frac{\sin\theta - \cos\theta + 1}{\sin\theta + \cos\theta - 1}$ 

Ans  $\times$  1.  $\sec \theta \sin \theta$ 

 $\times$  2. sec  $\theta$  tan  $\theta$ 

 $\checkmark$  3.  $\sec \theta + \tan \theta$ 

 $\times$  4. sec  $\theta$  – tan  $\theta$ 

Question ID: 98958013214

Status: Not Answered

Chosen Option: --

Q.8 The income of A is 50% more than that of B. If the income of A is increased by 40% and the income of B is increased by 90%, then the percentage increase in their combined income will be:

Ans

X 1. 64

X 2. 55

**3**. 60

X 4. 70

Ouestion ID: 98958013199 Status: Not Answered

Chosen Option: --

Q.9 A circle is inscribed in ΔABC, touching AB at P, BC at Q and AC at R. If AR = 5 cm, RC = 6 cm and AB = 12 cm, then the perimeter of AABC is:

Ans

X 1. 40 cm

X 2. 32 cm

X 3. 37 cm

Question ID: 98958013210

Status: Answered

Chosen Option: 4

**Q.10** If  $(8x^3 - 27y^3) \div (2x - 3y) = (Ax^2 + Bxy + Cy^2)$ , then the value of (2A + B - C) is:

Ans

- 1. 4
- X 2. 6
- **3**. 5
- X 4. 3

Question ID: 98958013206 Status: Not Answered

Chosen Option: --

Q.11 If the 8-digit number 2074x4y2 is divisible by 88, then the value of (4x + 3y) is:

Ans

- X 1. 49
- X 2. 36
- X 3. 42
- **4**. 45

Question ID: 98958013195 Status: Not Answered

Chosen Option : --

Q.12 Pipes A and B can fill a tank in one hour and two hours respectively while pipe C can empty the filled up tank in one hour and fifteen minutes. A and C are turned on together at 9 a.m. After 2 hours, only A is closed and B is turned on. When will the tank be emptied?

Ans

- X 1. 12:10 p.m.
- × 2. 11:30 a.m.
- X 3. 10:30 a.m.
- √ 4. 12:20 p.m.

Question ID: 98958013203

Status: Not Answered

Chosen Option : --

Q.13 ABCD is a cyclic quadrilateral whose diagonals intersect at P. If AB = BC,  $\angle$ DBC =  $70^{\circ}$  and  $\angle$ BAC =  $30^{\circ}$ , then the measure of  $\angle$ PCD is:

Ans

- X 1. 35°
- ✓ 2. 50°
- X 3. 55°
- X 4. 30°

Question ID: 98958013209

Status: Marked For Review

Chosen Option: 2

The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car Year	A	В	С	D	E
2014	52	54	48	46	64
2015	47	45	53	50	45
2016	48	47	56	54	65
2017	43	50	57	67	63
2018	38	40	54	68	70

If the data related to the production of cars in 2018 is represented by pie chart, then the central angle of the sector representing the production of type C cars will be:

Ans

√ 1. 72°

X 2. 59°

X 3. 93°

X 4. 91°

Question ID: 98958013217

Status : Answered

Chosen Option: 4

Q.15 When x is subtracted from each of 21, 22, 60 and 64, the numbers so obtained, in this order, are in proportion. What is the mean proportional between (x + 1) and (7x + 8)?

Ans

X 1. 27

X 2. 18

**3**. 24

X 4. 21

Question ID: 98958013201 Status: Not Answered

Chosen Option: --

Q.16 The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car Year	A	В	С	D	Е	
2014	52	54	48	46	64	
2015	47	45	53	50	45	
2016	48	47	56	54	65	
2017	43	50	57	67	63	
2010	20	40	5.1	60	70	7

The average production of type D cars in 5 years is what percent less than the production of type E cars in 2018? (Correct to one decimal place)

Ans

1. 18.6

X 2. 16.8

X 3. 15.9

X 4. 17.4

Question ID : 98958013219

Status: Not Answered

Chosen Option: --

Q.17 The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car Year	A	В	С	D	E
2014	52	54	48	46	64
2015	47	45	53	50	45
2016	48	47	56	54	65
2017	43	50	57	67	63
2018	38	40	54	68	70

The total production of type B cars in all the five years is what percent more than the total production of type A, B and D cars in 2017?

Ans X 1. 49.5

**2**. 47.5

X 3. 57.3

X 4. 32.2

Question ID: 98958013218

Status: Not Answered

Chosen Option: --

Q.18 G is the centroid of the triangle ABC, where AB, BC and CA are 7 cm, 24 cm and 25 cm respectively, then BG is:

$$\times$$
 1.  $6\frac{1}{3}$  cm

$$\checkmark$$
 2.  $8\frac{1}{3}$  cm

$$\times$$
 3.  $5\frac{1}{2}$  cm

$$\times$$
 4.  $4\frac{1}{6}$  cm

Question ID: 98958013211

Status: Answered

Chosen Option: 2

Q.19 If 
$$x = a + \frac{1}{a}$$
 and  $y = a - \frac{1}{a}$  then  $\sqrt{x^4 + y^4 - 2x^2y^2}$  is equal to:

Ans 
$$\times 1.16 a^2$$

$$\times$$
 3.  $\frac{8}{a^2}$ 

Question ID: 98958013207

Status: Not Answered

Chosen Option: --

**Q.20** The volume of a metallic cylindrical pipe is 7480 cm<sup>3</sup>. If its length is 1.4 m and its external radius is 9 cm, then its thickness (given 
$$\pi = \frac{22}{7}$$
) is:

Ans

Question ID: 98958013205 Status: Not Answered

Chosen Option: --

The value of 
$$\sqrt{\sec^2\theta + \csc^2\theta} \times \sqrt{\tan^2\theta - \sin^2\theta}$$
 is equal to:

$$\times$$
 1. cosec $\theta$  sec<sup>2</sup> $\theta$ 

- $\checkmark$  2.  $\sin\theta \sec^2\theta$
- $\times$  3.  $\sin \theta \cos^2 \theta$
- $\times$  4. cosec  $\theta$  cos<sup>2</sup> $\theta$

Question ID: 98958013215 Status: Not Answered

Chosen Option: --

Q.22 ABCD is a trapezium in which AB  $\parallel$  DC and its diagonals intersect at P. If AP = (3x-1) cm, PC = (5x-3) cm, BP = (2x+1) cm and PD = (6x-5) cm, then the length of DB is:

Ans

- X 1. 14 cm
- ✓ 2. 12 cm
- X 3. 10 cm
- X 4. 16 cm

Question ID: 98958013212 Status: Not Answered

Chosen Option: --

Q.23 If  $12 \cot^2 \theta - 31 \csc \theta + 32 = 0$ ,  $0^{\circ} < \theta < 90^{\circ}$ , then the values of  $\tan \theta$  will be:

Ans

- $\sqrt{1. \frac{4}{3}}, \frac{3\sqrt{7}}{7}$
- $\times$  2.  $\frac{4}{5}$ ,  $\frac{5\sqrt{7}}{7}$
- $\times$  3.  $\frac{5}{4}$ ,  $\frac{4}{3}$
- $\times$  4.  $\frac{4}{5}$ ,  $\frac{4}{3}$

Question ID: 98958013213 Status: Answered

Chosen Option: 2

Q.24 A and B are travelling towards each other from the points P and Q respectively. After crossing each other, A and B take  $6\frac{1}{8}$  hours and 8 hours, respectively, to reach their destinations Q and P, respectively. If the speed of B is 16.8 km/h, then the speed (in km/h) of A is:

Ans

- X 1. 20.8
- X 2. 19.8
- **√** 3. 19.2
- X 4. 20.4

Question ID: 98958013204

Status: Answered

Chosen Option : 2

The table shows the production of different types of cars by a company (in thousands) in 5 years.

Car Year	A	В	С	D	Е
2014	52	54	48	46	64
2015	47	45	53	50	45
2016	48	47	56	54	65
2017	43	50	57	67	63
2018	38	40	54	68	70

What is the ratio of the total production of type C cars in 2015 and type D cars in 2017 taken together to the total production of type B cars in 2016 and type A cars in 2017 taken together?

Ans

X 1. 12:11

X 2. 13:10

X 3. 11:9

4. 4 : 3

Question ID: 98958013216 Status: Not Answered

Chosen Option: --

Section: English Comprehension

Q.1 Select the word which means the same as the group of words given.

an enclosure to keep the birds in

Ans

🖊 1. aviary

X 2. apiar

X 3. stable

X 4. sanctuary

Question ID: 98958012506 Status: Answered

Chosen Option: 1

Q.2 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

If you listen to the English news, it improve your English.

Λne

X 1. it is improving

2. it will improve

X 3. it improved

X 4. No improvement

Question ID: 98958012490

Status: Answered

Chosen Option: 4

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

give someone the cold shoulder

Ans

1. ignore someone

X 2. give away a secret

X 3. do something pointless

X 4. pamper someone

Ouestion ID: 98958012505 Status: Not Answered

Chosen Option: --

#### Q.4 Select the antonym of the given word.

#### **EMINENT**

Ans

X 1. exalted



X 3. impressive

4. distinguished

Question ID: 98958012503 Status: Not Answered

Chosen Option: --

Q.5 Select the word which means the same as the group of words given.

An inscription on a tombstone written in memory of the deceased

🗙 1. pillar

2. epitaph

X 3. slab

X 4. basilica

Question ID: 98958012507

Status: Answered Chosen Option: 2

Q.6 Select the most appropriate meaning of the given idiom.

pull yourself together

Ans

X 1. go to sleep



X 3. try to understand

🗙 4. do a good job

Question ID: 98958012504 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.

Pigeon racing has become increasingly popular in parts of China (1)\_\_\_\_ and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)\_\_\_\_ that at least 100,000 pigeon breeders live in Beijing, and (3)\_ 90,000 of them are registered with Racing Pigeons Associations at (4)\_\_\_\_\_ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5). owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

## SubQuestion No: 7

Q.7 Select the most appropriate option for blank No. 1.

Ans



\chi 1. against



Question ID: 98958012493 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.

Pigeon racing has become increasingly popular in parts of China (1)\_\_\_\_\_\_ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)\_\_\_\_\_ that at least 100,000 pigeon breeders live in Beijing, and (3)\_\_\_\_\_ 90,000 of them are registered with Racing Pigeons Associations at (4)\_\_\_\_\_ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)\_\_\_\_ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

#### SubQuestion No: 8

Q.8 Select the most appropriate option for blank No. 2.

Ans

🖋 1. said

X 2. clarified

X 3. told

X 4. advised

Question ID: 98958012494 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.

Pigeon racing has become increasingly popular in parts of China (1)\_\_\_\_\_ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)\_\_\_\_ that at least 100,000 pigeon breeders live in Beijing, and (3)\_\_\_\_ 90,000 of them are registered with Racing Pigeons Associations at (4)\_\_\_\_ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)\_\_\_\_ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

#### SubQuestion No: 9

Q.9 Select the most appropriate option for blank No. 3.

Ans

💢 1. utmost

2. almos

X 3. nearby

X 4, exact

Question ID: 98958012495 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.

Pigeon racing has become increasingly popular in parts of China (1)\_\_\_\_\_ the country's elite

and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)\_\_\_\_\_\_ that at least 100,000 pigeon breeders live in Beijing, and (3)\_\_\_\_\_ 90,000 of them are registered with Racing Pigeons Associations at (4)\_\_\_\_\_ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)\_\_\_\_ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

#### SubQuestion No: 10

Q.10 Select the most appropriate option for blank No. 4.

Ans

1. different

X 2. differed

X 3. differential

X 4. differ

Question ID: 98958012496 Status: Not Answered

Chosen Option: --

#### 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.

Pigeon racing has become increasingly popular in parts of China (1)\_\_\_\_\_ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)\_\_\_\_ that at least 100,000 pigeon breeders live in Beijing, and (3)\_\_\_\_ 90,000 of them are registered with Racing Pigeons Associations at (4)\_\_\_\_ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)\_\_\_\_ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

#### SubQuestion No: 11

Q.11 Select the most appropriate option for blank No. 5.

Ans

💢 1. pigeon

X 2. birds

X 3. animal

4. bird

Question ID: 98958012497

Status : Answered

Chosen Option: 1

## Q.12 Select the wrongly spelt word.

Ans

🗙 1. explain

X 2. except

X 3. expire

4. expereince

Question ID: 98958012508 Status: Answered

Chosen Option: 4

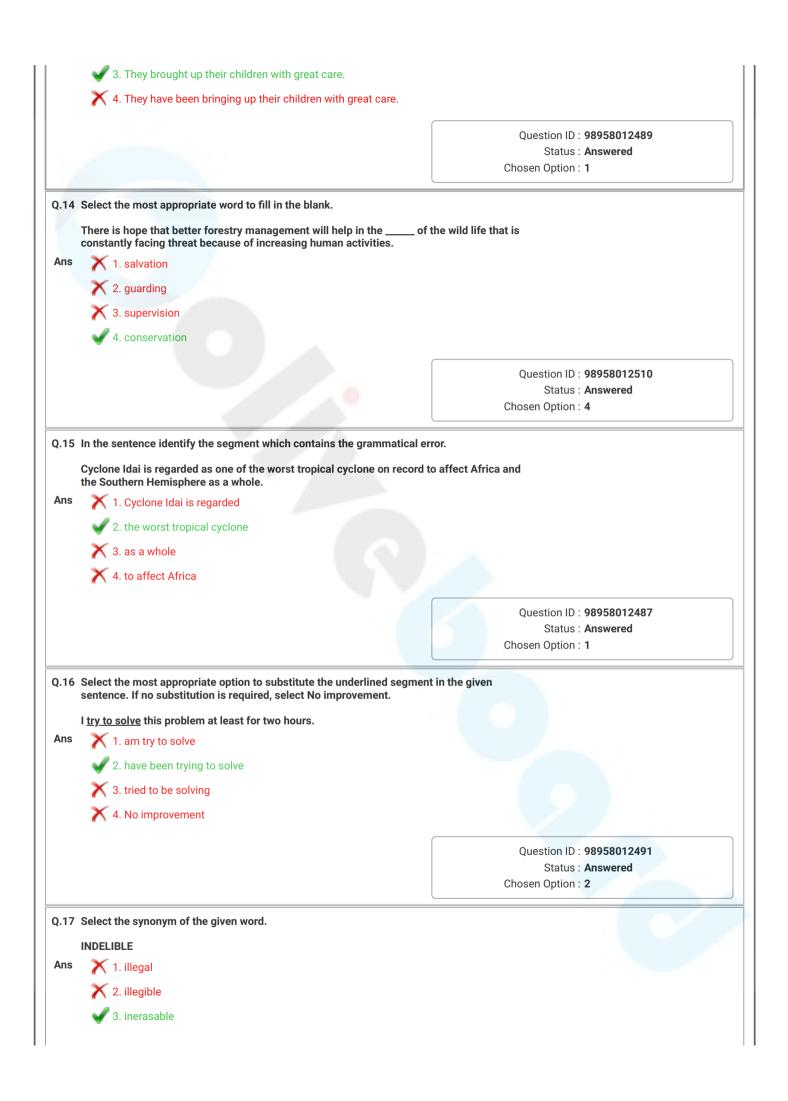
Q.13 Select the correct active form of the given sentence.

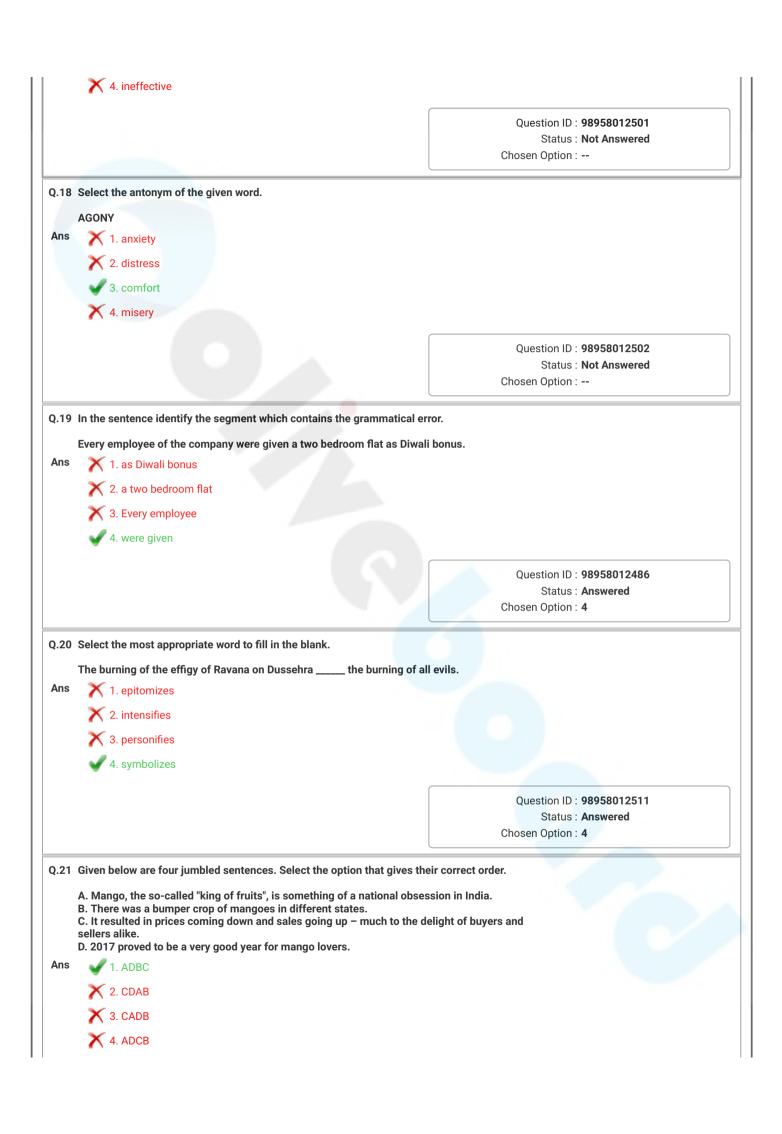
Their children were brought up with great care.

Ans

1. They had brought up their children with great care.

2. Their children brought them up with great care.





Question ID : 98958012498 Status : Answered

Chosen Option: 1

#### Q.22 Select the correct passive form of the given sentence.

#### At night, lock the outer gate.

Ans

- 1. The outer gate is requested to be locked at night.
- X 2. The outer gate be locked at night.
- 3. Let the outer gate be locked at night.
- X 4. The outer gate is locked at night.

Question ID: 98958012488 Status: Answered Chosen Option: 3

## Q.23 Select the synonym of the given word.

#### TRIUMPH

Ans

X 1. fight



X 3. attack

X 4. peace

Question ID: 98958012500 Status: Answered

Chosen Option: 2

- Q.24 Given below are four jumbled sentences. Select the option that gives their correct order.
  - A. Around 600 million of them live in areas of high to extreme water stress.
  - B. India is suffering from the worst water crisis, with one billion people living in water scarcity.
  - C. This is even more than that of China and US combined.
  - D. The reason is that at 24 per cent, India uses the most groundwater drawn out globally.

Ans

1. BADC

X 2. ACBD

X 3. ADCB

X 4. BDAC

Question ID: 98958012499 Status: Not Answered

Chosen Option: --

#### Q.25 Select the wrongly spelt word.

Ans

1. contamporary

X 2. cooperation

X 3. controversial

X 4. conquer

Question ID: 98958012509 Status: Answered

