

# CGLE- Combined Graduate Level Tier-I, 2018 Examination

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

## Section : General Intelligence and Reasoning

**Q.1** In a family of eight persons, there are two couples, each having two children. C and D are cousin brothers. The father of E is married to G, who is the aunt of F. F's mother, H, is married to B, the brother of A. C is the nephew of H. How is A related to D?

- Ans ☒ 1. Brother  
☒ 2. Father  
☒ 3. Uncle  
☒ 4. Nephew

Question ID : 98958013658

Status : Not Answered

Chosen Option : --

**Q.2** Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different

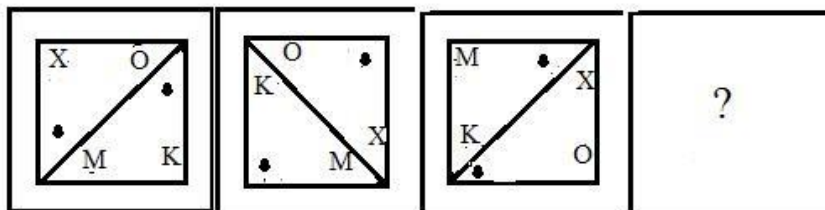
- Ans ☒ 1. 209  
☒ 2. 166  
☒ 3. 341  
☒ 4. 132

Question ID : 98958013662

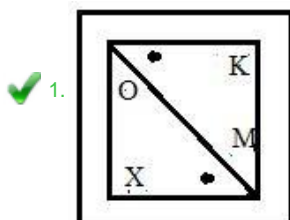
Status : Not Answered

Chosen Option : --

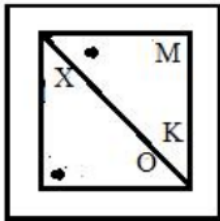
**Q.3** Select the figure that will come next in the following figure series.



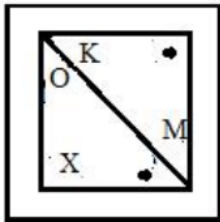
Ans



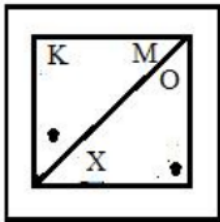
✗ 2.



✗ 3.



✗ 4.



Question ID : 98958013667

Status : Not Answered

Chosen Option : --

**Q.4** 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.

28 : 63

- Ans
- ✗ 1. 48 : 98
  - ✓ 2. 16 : 36
  - ✗ 3. 36 : 78
  - ✗ 4. 12 : 28

Question ID : 98958013661

Status : Answered

Chosen Option : 4

**Q.5** ₹820 is divided among 6 men, 8 women and 12 boys in such a way that every woman gets an amount equal to that received by one man and one boy combined and that every man gets one and a half times the amount received by a boy. What is the total amount received by 8 women?

- Ans
- ✓ 1. ₹400
  - ✗ 2. ₹380
  - ✗ 3. ₹300
  - ✗ 4. ₹240

Question ID : 98958013666

Status : Not Answered

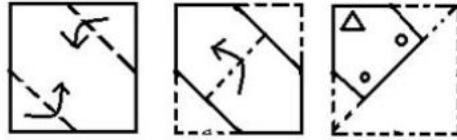
Chosen Option : --

**Q.6** Which number will replace the question mark (?) in the following series?

2, 3, 6, 10, 17, 28, ?

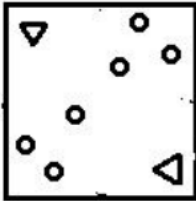
- Ans
- ✓ 1. 46
  - ✗ 2. 43
  - ✗ 3. 45

Q.7 A square paper is folded and cut as shown below. How will it appear when unfolded?

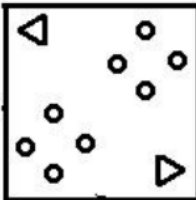


Ans

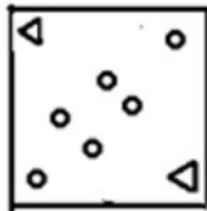
1.



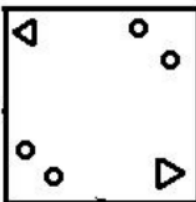
2.



3.



4.



Q.8 Select the option that is related to the third term in the same way as the second term is related to the first term.

Happy : Mirthful :: Sad : ?

Ans

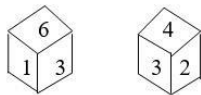
1. Contented

2. Gleeful

3. Jolly

4. Morose

**Q.9** Two different positions of the same dice are shown. Which number will be at the top if 1 is at the bottom?



- Ans
- ☒ 1. 2
  - ☒ 2. 5
  - ☒ 3. 4
  - ☒ 4. 6

Question ID : 98958013669

Status : Answered

Chosen Option : 3

**Q.10** Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans
- ☒ 1. Papaya
  - ☒ 2. Pomegranate
  - ☒ 3. Guava
  - ☒ 4. Cucumber

Question ID : 98958013652

Status : Answered

Chosen Option : 2

**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:**

Some students are players.

Some players are athletes.

**Conclusions:**

I. Some students are athletes.

II. Some players are students.

III. No student is an athlete.

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

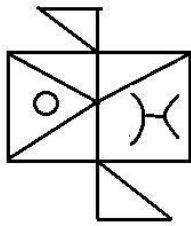
Question ID : 98958013659

Status : Answered

Chosen Option : 2

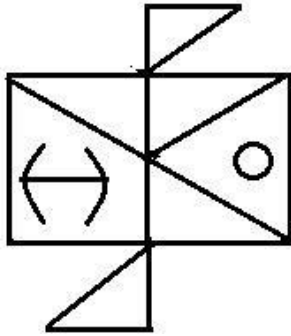
**Q.12**

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

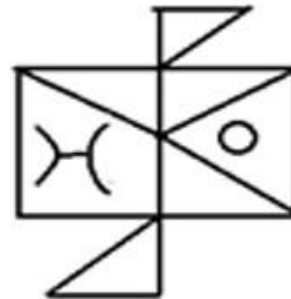


Ans

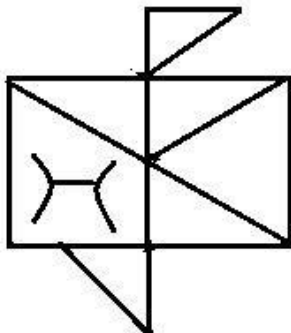
✗ 1.



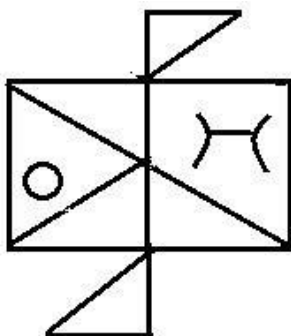
✓ 2.



✗ 3.



✗ 4.



Question ID : 98958013671

Status : Answered

Chosen Option : 2

**Q.13** 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.

JKLM : HLKO :: PQRS : ?

Ans

- ✓ 1. NRQU
- ✗ 2. ORQT
- ✗ 3. MRQV
- ✗ 4. NQRU

Question ID : 98958013649  
Status : Answered  
Chosen Option : 1

Q.14 If POSTER is coded as 592314 and DARK is coded as 8647, then how will STROKE be coded as?

- Ans
- ✗ 1. 329417
  - ✗ 2. 234917
  - ✗ 3. 493287
  - ✓ 4. 234971

Question ID : 98958013656  
Status : Answered  
Chosen Option : 4

Q.15 In a code language, TEACHING is written as SDBDGH OH. How will BOOKWORM be written as in that language?

- Ans
- ✓ 1. ANPLVNSN
  - ✗ 2. ANPLXPSL
  - ✗ 3. CPNJXPSL
  - ✗ 4. ANPLXNNS

Question ID : 98958013655  
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.

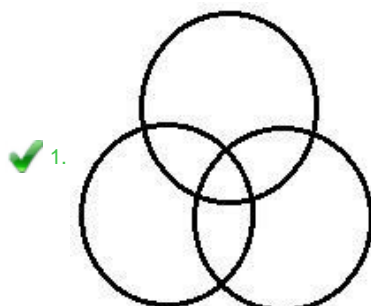
- Ans
- ✗ 1. BIRD
  - ✗ 2. DECK
  - ✓ 3. ZOOM
  - ✗ 4. PAST

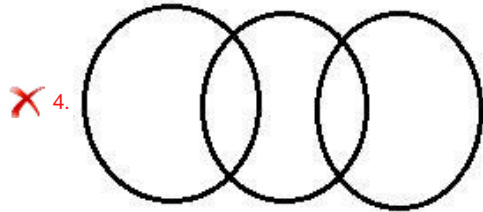
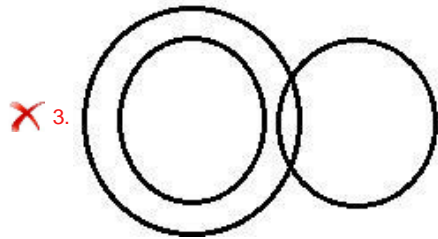
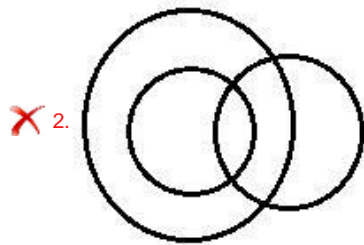
Question ID : 98958013651  
Status : Answered  
Chosen Option : 3

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

Doctors, Salaried Persons, Parents

Ans





Question ID : 98958013673  
Status : Answered  
Chosen Option : 1

**Q.18** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(15, 22, 31)

- Ans
- 1. (11, 18, 29)
  - ✓ 2. (7, 14, 23)
  - 3. (23, 30, 40)
  - 4. (5, 11, 20)

Question ID : 98958013663  
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 series.

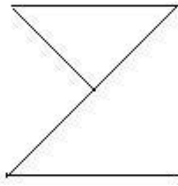
dc\_abc\_cb\_bcd\_ba\_c

- Ans
- ✗ 1. dbacb
  - ✗ 2. cbadb
  - ✓ 3. bdacb
  - ✗ 4. bdcab

Question ID : 98958013657  
Status : Answered  
Chosen Option : 3

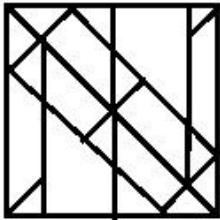
**Q.20**

Select the option in which the given figure is embedded.

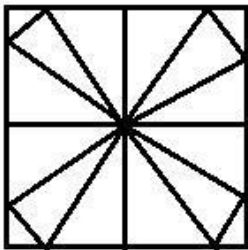


Ans

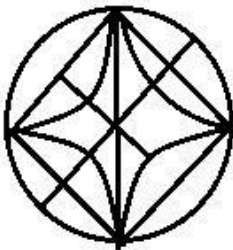
✗ 1.



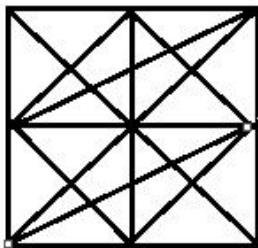
✗ 2.



✗ 3.



✓ 4.



Question ID : 98958013670

Status : Answered

Chosen Option : 4

Q.21 'Dumbness' is related to 'Speech' in the same way as '\_\_\_\_\_' is related to 'Memory'.

Ans

✓ 1. Amnesia

✗ 2. Illusion

✗ 3. Recognition

4. Thoughtlessness

Question ID : 98958013653

Status : Answered





Chosen Option : 1

Q.22



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

$$12 - 6 \div 12 \times 6 + 6 = 9$$

- Ans  1.  $-$  and  $+$   
 2.  $+$  and  $\div$   
 3.  $\times$  and  $+$   
 4.  $\div$  and  $\times$


Question ID : 98958013665

Status : **Not Answered**

Chosen Option : --

**Q.23** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(12, 16, 28)

- Ans 1. (20, 25, 35)  
 2. (9, 15, 21)  
3. (36, 48, 77)  
4. (18, 24, 42)





Question ID : 98958013664

Status : **Answered**

Chosen Option : 4

**Q.24** Arrange the following words in a logical and meaningful order.

1. Writing
2. Distributing
3. Publishing
4. Printing
5. Editing

- Ans  1. 1, 2, 3, 4, 5  
 2. 1, 5, 4, 3, 2  
 3. 2, 4, 3, 1, 5  
 4. 2, 3, 4, 5, 1

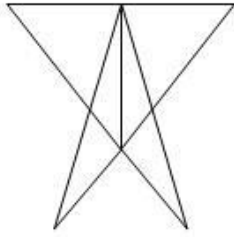
Question ID : 98958013650

Status : **Answered**

Chosen Option : 2

**Q.25**

How many triangles are there in the following figure?



- Ans
- ☒ 1. 12
  - ☒ 2. 11
  - ☒ 3. 13
  - ☒ 4. 15

Question ID : 98958013668

Status : Not Answered

Chosen Option : --

Section : General Awareness

Q.1 Kala Bhavana, founded in 1919, is a noted institution of education and research in visual arts. It is located in\_\_\_\_\_.

- Ans
- ☒ 1. Uttar Pradesh
  - ☒ 2. Bihar
  - ☒ 3. Sikkim
  - ☒ 4. West Bengal

Question ID : 98958014174

Status : Not Answered

Chosen Option : --

Q.2 TV remote controls work on the principle of\_\_\_\_\_.

- Ans
- ☒ 1. Ultrasonic waves
  - ☒ 2. Infrared waves
  - ☒ 3. Laser technology
  - ☒ 4. Bluetooth technology

Question ID : 98958014179

Status : Answered

Chosen Option : 2

Q.3 Which of the following passes is known as the gateway connecting Jammu and Srinagar?

- Ans
- ☒ 1. Aghil Pass
  - ☒ 2. Banihal Pass
  - ☒ 3. Lanak-La Pass
  - ☒ 4. Chang-La Pass

Question ID : 98958014184

Status : Answered





Chosen Option : 2

Q.4 In March 2019, the government of India appointed\_\_\_\_\_as the director-general of the National Archives of India.

- Ans  1. V K Paul  
 2. P V Ramesh  
 3. Binay Sen  
 4. Kamlesh Vyas

Question ID : 98958014198  
Status : Answered  
Chosen Option : 3

Q.5 Rust needs three components to occur, i.e.,\_\_\_\_\_.

- Ans  1. Iron, nitrogen and moisture  
 2. Steel, iron and oxygen  
 3. Iron, oxygen and moisture  
 4. Helium, hydrogen and nitrogen

Question ID : 98958014178  
Status : Answered  
Chosen Option : 3

Q.6 \_\_\_\_\_ was observed nationwide from 24th to 30th April, 2019.

- Ans  1. World Environment Week  
 2. World Tourism Week  
 3. World Postal Week  
 4. World Immunization Week

Question ID : 98958014196  
Status : Answered  
Chosen Option : 4

Q.7 The invasion of Delhi by Timur in \_\_\_\_\_ A.D marked the end of the Tughlaq empire.

- Ans  1. 1645  
 2. 1215  
 3. 1398  
 4. 1452

Question ID : 98958014189  
Status : Not Answered  
Chosen Option : --

Q.8 In March 2019, India won five silver medals at the Makran Cup Boxing Tournament in Iran. Who among the following is NOT one of the silver medallists?

- Ans  1. Duryodhan Singh Negi  
 2. Manish Kaushik  
 3. P Lalitha Prasad  
 4. Deepak Singh

Question ID : 98958014194  
Status : Answered  
Chosen Option : 4

Q.9 Who was appointed as the director of Bhabha Atomic Research Centre (BARC) for a period of three years in March 2019?

- Ans  1. Satyaajeet Rajan

-  2. Kamlesh Nilkanth Vyas
-  3. Ajit Kumar Mohanty
-  4. Vishvapavan Pati

Question ID : 98958014191  
Status : Answered  
Chosen Option : 2

Q.10 A sustained rise in the general price level in an economy is called\_\_\_\_\_.

- Ans  1. Deflation
-  2. Stagflation
-  3. Inflation
-  4. Disinflation

Question ID : 98958014177  
Status : Answered  
Chosen Option : 3

Q.11 Which of the following passes connects Tawang with Lhasa?

- Ans  1. Chankan Pass
-  2. Bum La Pass
-  3. Hpungan Pass
-  4. Kumjawng Pass

Question ID : 98958014185  
Status : Answered  
Chosen Option : 1

Q.12 Who founded the Indian Statistical Institute on 17 December 1931?

- Ans  1. M.H. Hansen
-  2. F. Yates
-  3. P.C. Mahalanobis
-  4. R.A. Fischer

Question ID : 98958014176  
Status : Answered  
Chosen Option : 3

Q.13 In March 2019, who among the followings was appointed as India's first Lokpal?

- Ans  1. Justice N V Ramana
-  2. Justice A K Sikri
-  3. Justice S A Bobde
-  4. Justice Pinaki Chandra Ghose

Question ID : 98958014190  
Status : Answered  
Chosen Option : 4

Q.14 Who founded the Sayyid dynasty?

- Ans  1. Nizam Shah
-  2. Bahlul Khan
-  3. Khizr Khan
-  4. Muhammad-bin-Farid

Question ID : 98958014188  
Status : Answered  
Chosen Option : 1

Q.15 \_\_\_\_\_ is the study of the microanatomy of cells, tissues and organs as seen through a microscope.

- Ans ☒ 1. Histology  
☒ 2. Ichthyology  
☒ 3. Entomology  
☒ 4. Paleontology

Question ID : 98958014180  
Status : Answered  
Chosen Option : 1

Q.16 Which of the following articles promotes equal justice and free legal aid for all the citizens?

- Ans ☒ 1. 32A  
☒ 2. 39A  
☒ 3. 43A  
☒ 4. 48A

Question ID : 98958014192  
Status : Answered  
Chosen Option : 1

Q.17 \_\_\_\_\_ in Himachal Pradesh is a famous tourist attraction.

- Ans ☒ 1. Chang-La Pass  
☒ 2. Mintaka Pass  
☒ 3. Aghil Pass  
☒ 4. Rohtang Pass

Question ID : 98958014186  
Status : Answered  
Chosen Option : 4

Q.18 Poush Mela displays local artisans displaying folk dances, music, food and culture of \_\_\_\_\_.

- Ans ☒ 1. Gujarat  
☒ 2. Uttarakhand  
☒ 3. Rajasthan  
☒ 4. West Bengal

Question ID : 98958014175  
Status : Not Answered  
Chosen Option : --

Q.19 \_\_\_\_\_ created history in its second Twenty20 International against Ireland by achieving the highest ever T20 total at the Rajiv Gandhi International Cricket Stadium in Dehradun, Uttarakhand.

- Ans ☒ 1. Pakistan  
☒ 2. Afghanistan  
☒ 3. India  
☒ 4. Australia

Question ID : 98958014195  
Status : Answered  
Chosen Option : 2

Q.20 \_\_\_\_\_ is the branch of zoology concerned with the study of amphibians.

- Ans ☒ 1. Herpetology  
☒ 2. Morphology  
☒ 3. Ethology  
☒ 4. Mammology

Question ID : 98958014181  
Status : Answered  
Chosen Option : 2

Q.21 Pramod Sawant became Chief Minister of which Indian state in March, 2019?

- Ans ☒ 1. Tamil Nadu  
☒ 2. Kerala  
☒ 3. Maharashtra  
☒ 4. Goa

Question ID : 98958014193  
Status : Answered  
Chosen Option : 4

Q.22 Majuli, the largest river island in the world is located in

- Ans ☒ 1. Uttar Pradesh  
☒ 2. Nagaland  
☒ 3. Arunachal Pradesh  
☒ 4. Assam

Question ID : 98958014183  
Status : Answered  
Chosen Option : 2

Q.23 Who among the following was one of the Governors during the reign of Alauddin Khilji?

- Ans ☒ 1. Ghiyasuddin Tughlaq  
☒ 2. Jalal-ud-din Khilji  
☒ 3. Shams-ud-din Iltutmish  
☒ 4. Nasiruddin Mahmud

Question ID : 98958014187  
Status : Answered  
Chosen Option : 4

Q.24 \_\_\_\_\_ is a scientific discipline concerned with the study of plant pollen, spores, and certain microscopic planktonic organisms, in both, living and fossil form.

- Ans ☒ 1. Ethnobotany  
☒ 2. Palynology  
☒ 3. Dendrology  
☒ 4. Paleobotany

Question ID : 98958014182  
Status : Answered  
Chosen Option : 3

**Q.25** Government of India nominated member of NITI Aayog, \_\_\_\_\_ to head the Food and Agricultural Organisation (FAO) in March 2019.

- Ans  1. Ramesh Chand  
 2. Binay Ranjan Sen  
 3. Amitabh Kant  
 4. V K Paul

Question ID : 98958014197  
Status : Not Answered  
Chosen Option : --

Section : Quantitative Aptitude

**Q.1** Abhi bought two articles for ₹624. He sold one at a loss of 14% and the other at a profit of 14%. If the selling price of both the articles is equal, then the difference between their cost prices (in ₹) is:

- Ans  1. 87.36  
 2. 89.64  
 3. 89.68  
 4. 88.84

Question ID : 98958013228  
Status : Not Answered  
Chosen Option : --

**Q.2** The vertices of a  $\Delta PQR$  lie on a circle with centre O. SR is a tangent to the circle at the point R. If QR bisects the  $\angle ORS$ , then what is the measure of  $\angle RPQ$ ?

- Ans  1.  $30^\circ$   
 2.  $60^\circ$   
 3.  $40^\circ$   
 4.  $45^\circ$

Question ID : 98958013239  
Status : Answered  
Chosen Option : 4

**Q.3** The table shows the production of different types of cars (in thousands).

Year Cat	2012	2013	2014	2015	2016
A	54	58	60	63	55
B	40	54	56	61	67
C	46	50	63	73	77
D	33	35	48	45	49
E	47	43	53	48	52


The total production of type E cars in 2012 and 2013 is approximately what percent more than the average production of type A cars during the years 2012 to 2016?

- Ans  1. 52.2  
 2. 55.2  
 3. 56.4  
 4. 53.8

Question ID : 98958013247  
Status : Not Answered  
Chosen Option : --

**Q.4** A trader marks his goods at 40% above the cost price. He sells 70% of the goods at the marked price and the rest, he sells by allowing a 40% discount on the marked price. His percentage profit is:

- Ans  1. 23.4  
 2. 24.2

 3. 24.4

 4. 23.2


Question ID : 98958013227

Status : Answered

Chosen Option : 3

Q.5 If  $2x^2 + y^2 + 6x - 2xy + 9 = 0$ , then the value of  $(4x^3 - y^3 + x^2y^2)$  is:

Ans  1. 0

 2. -3

 3. 9

 4. -9

Question ID : 98958013236

Status : Not Answered


Chosen Option : --

Q.6 If  $\frac{\cos^2 \theta}{\cot^2 \theta - \cos^2 \theta} = 3, 0^\circ < \theta < 90^\circ$ , then the value of  $\cot \theta + \operatorname{cosec} \theta$  is:

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

2.  $2\sqrt{3}$

 3.  $\sqrt{3}$

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


Question ID : 98958013242

Status : Answered


Chosen Option : 3

Q.7 The length of a metallic pipe is 7.56 m. Its external and internal radii are 2.5 cm and 1.5 cm respectively. If  $1 \text{ cm}^3$  of the metal weigh 7.5 g, then the weight of the pipe is: (Take  $\pi = \frac{22}{7}$ )

Ans  1. 70.14 kg

 2. 71.28 kg

3. 72.82 kg

 4. 69.68 kg

Question ID : 98958013233


Status : Not Answered

Chosen Option : --

Q.8 If  $x + y = 12$  and  $xy = 27, x > y$ , then the value of  $(x^3 - y^3)$  is:

Ans  1. 724

 2. 710

 3. 720

 4. 702

Question ID : 98958013235

Status : Answered

Chosen Option : 4

Q.9



The average of twelve numbers is 46. The average of the first four numbers is 43 and that of the last five numbers is 49.4. The 5<sup>th</sup> and the 6<sup>th</sup> numbers are respectively 4 and 6 more than the 7<sup>th</sup> number. What is the average of the 5<sup>th</sup> and the 7<sup>th</sup> numbers?

- Ans
- ☒ 1. 43.5
  - ☒ 2. 44
  - ☒ 3. 43
  - ☒ 4. 44.5

Question ID : 98958013226

Status : Not Answered

Chosen Option : --

Q.10 If a 9-digit number  $32x4115y2$  is divisible by 88, then the value of  $(4x - y)$  for the smallest possible value of  $y$ , is:

- Ans
- ☒ 1. 31
  - ☒ 2. -1
  - ☒ 3. 11
  - ☒ 4. 20

Question ID : 98958013224

Status : Answered

Chosen Option : 3

Q.11 If  $\sin \theta = 4 \cos \theta$ , then what is the value of  $\sin \theta \cos \theta$ ?

- Ans
- ☒ 1.  $\frac{2}{9}$
  - ☒ 2.  $\frac{4}{17}$
  - ☒ 3.  $\frac{3}{10}$
  - ☒ 4.  $\frac{3}{4}$

Question ID : 98958013243

Status : Answered

Chosen Option : 2

Q.12 If  $x^2 + y^2 + z^2 = 133$ ,  $xy + yz + zx = 114$  and  $xyz = 216$ , then the value of  $x^3 + y^3 + z^3$  is:

- Ans
- ☒ 1. 942
  - ☒ 2. 1009
  - ☒ 3. 999
  - ☒ 4. 948

Question ID : 98958013237

Status : Not Answered

Chosen Option : --

Q.13 The ratio of the present ages of A and B is 8 : 9. After 9 years, this ratio will become 19 : 21. C is 3 years younger to B. What is the present age (in years) of C?

- Ans
- ☒ 1. 49
  - ☒ 2. 48
  - ☒ 3. 52
  - ☒ 4. 51

Question ID : 98958013229

Status : Answered

**Q.14** In a circle with centre O, ACBO is a parallelogram where C is a point on the minor arc AB. What is the measure of  $\angle AOB$ ?

- Ans  1.  $110^\circ$   
 2.  $120^\circ$   
 3.  $100^\circ$   
 4.  $150^\circ$

Question ID : 98958013238

Status : Not Answered

Chosen Option : --

**Q.15** What is the compound interest on a sum of ₹10,000 at 14% p.a. for  $2\frac{5}{7}$  years where the interest is compounded yearly? (nearest to ₹ 1)

- Ans 1. ₹4,439  
 2. ₹4,394  
 3. ₹4,259  
 4. ₹4,296

Question ID : 98958013230

Status : Not Answered

Chosen Option : --

**Q.16** When the price of an item was reduced by 20%, then its sale increased by  $x\%$ . If there is an increase of 60% in the receipt of the revenue, then the value of  $x$  is:



- Ans  1. 96  
 2. 80  
 3. 120  
 4. 100

Question ID : 98958013234

Status : Answered

Chosen Option : 4

**Q.17** The efficiencies of A, B and C are in the ratio 5 : 3 : 8. Working together they can complete a work in 30 days. A and B worked together for 20 days. The remaining work will be completed by C alone in:



- Ans  1. 30 days  
 2. 40 days  
 3. 36 days  
 4. 32 days


Question ID : 98958013231

Status : Answered

Chosen Option : 2

**Q.18** In  $\triangle ABC$  with sides 6 cm, 7 cm and 8 cm, the angle bisector of the largest angle divides the opposite side into two segments. What is the length of the shorter segment?

- Ans  1.  $\frac{24}{5}$  cm  
 2.  $\frac{21}{5}$  cm  
 3.  $\frac{48}{13}$  cm





 4.  $\frac{56}{13}$  cm

Question ID : 98958013241

Status : Not Answered

Chosen Option : --

**Q.19** ABDC is a parallelogram in which diagonals AD and BC intersect at O. AE and DF are perpendiculars on BC at E and F, respectively. Which of the following is NOT true?





- Ans  1.  $\triangle ABC \cong \triangle DCB$   
 2.  $\triangle AOE \cong \triangle DOF$   
 3.  $\triangle AEB \cong \triangle DFC$   
 4.  $\triangle ADC \cong \triangle ABD$

Question ID : 98958013240

Status : Answered

Chosen Option : 2

**Q.20** The distance between two stations A and B is 800 km. A train X starts from A and moves towards B at 40 km/h and another train Y starts from B and moves towards A at 60 km/h. How far from A will they cross each other?


- Ans  1. 320 km  
 2. 360 km  
 3. 300 km  
 4. 380 km

Question ID : 98958013232

Status : Answered

Chosen Option : 1

**Q.21** The value of  $\frac{9}{15}$  of  $\left(\frac{2}{3} \div \frac{2}{3} \text{ of } \frac{3}{2}\right) \div \left(\frac{3}{4} \times \frac{3}{4} \div \frac{3}{4} \text{ of } \frac{4}{3}\right)$  of  $\left(\frac{5}{4} \div \frac{5}{2} \times \frac{2}{5} \text{ of } \frac{4}{5}\right)$  is:





- Ans  1.  $\frac{18}{125}$   
 2.  $\frac{4}{25}$   
 3.  $\frac{20}{9}$   
 4.  $\frac{40}{9}$

Question ID : 98958013225

Status : Not Answered

Chosen Option : --

**Q.22** Let  $a = \frac{2 \sin x}{1 + \sin x + \cos x}$  and  $b = \frac{c}{1 + \sin x}$ . Then  $a = b$ , if  $c = ?$

- Ans  1.  $1 + \sin x - \cos x$   
 2.  $1 + \cos x - \sin x$   
 3.  $1 + \sin x \cos x$   
 4.  $1 - \sin x \cos x$

Question ID : 98958013244

Status : Not Answered

Chosen Option : --

**Q.23**

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

Year Car	2012	2013	2014	2015	2016
A	54	58	60	63	55
B	40	54	56	61	67
C	46	50	63	73	77
D	33	35	48	45	49
E	47	43	53	48	52

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 cars in 2013 will be:

- Ans
- ☒ 1.  $84^\circ$
  - ☒ 2.  $60^\circ$
  - ☒ 3.  $77^\circ$
  - ☒ 4.  $75^\circ$

Question ID : 98958013246

Status : Not Answered

Chosen Option : --

**Q.24** The table shows the production of different types of cars (in thousands).

Year Car	2012	2013	2014	2015	2016
A	54	58	60	63	55
B	40	54	56	61	67
C	46	50	63	73	77
D	33	35	48	45	49
E	47	43	53	48	52

The total production of all type of cars, except type B, in 2012 is what percent less than the total production of all types of cars in 2016?

- Ans
- ☒ 1. 26.7
  - ☒ 2. 42
  - ☒ 3. 25.8
  - ☒ 4. 40

Question ID : 98958013248

Status : Not Answered

Chosen Option : --

**Q.25** The table shows the production of different types of cars (in thousands).

Year Car	2012	2013	2014	2015	2016
A	54	58	60	63	55
B	40	54	56	61	67
C	46	50	63	73	77
D	33	35	48	45	49
E	47	43	53	48	52

What is the ratio of the total production of type E cars in 2014 and type C cars in 2016 taken together to the total production of type B cars in 2014 and type D cars in 2013 taken together?

- Ans
- ☒ 1. 10 : 7
  - ☒ 2. 11 : 5
  - ☒ 3. 11 : 8
  - ☒ 4. 9 : 8

Question ID : 98958013245

Status : Answered

Chosen Option : 1

## Section : English Comprehension

**Q.1** Select the most appropriate option to fill in the blank.

Catholics and Protestants have a long history of \_\_\_\_\_ in Northern Ireland but volunteers from both communities came together to build the monument of Peace.

- Ans
- ☒ 1. conflict
  - ☒ 2. contest
  - ☒ 3. agreement
  - ☒ 4. truce

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

In many countries the \_\_\_\_\_ in pay for men and women is quite common, for example, in Germany women are paid 21 per cent less as compared to men.

- Ans
- ☒ 1. unlikeliness
  - ☒ 2. disagreement
  - ☒ 3. disparity
  - ☒ 4. equivalence

Q.3 In the sentence identify the segment which contains the grammatical error.

The street artist Satish Munjal has been painting this wall since the past one week.

- Ans
- ☒ 1. this wall
  - ☒ 2. The street artist
  - ☒ 3. since the past one week
  - ☒ 4. has been painting

Q.4 Select the antonym of the given word.

FINITE

- Ans
- ☒ 1. limited
  - ☒ 2. endless
  - ☒ 3. bound
  - ☒ 4. finished

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.

In 1914 a war began in Europe which engulfed the entire world. The damage (1)\_\_\_\_\_by this war has no precedent in history. (2)\_\_\_\_\_the earlier wars, the civilian populations were (3)\_\_\_\_\_not involved and the casualties were mostly (4)\_\_\_\_\_to the warring armies. The war (5)\_\_\_\_\_began in 1914 was a total war in which all the resources of the warring states were mobilized.

SubQuestion No : 5

Q.5 Select the most appropriate option for blank No. 1.

- Ans
- ☒ 1. began
  - ☒ 2. caused
  - ☒ 3. generated
  - ☒ 4. made


**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.

In 1914 a war began in Europe which engulfed the entire world. The damage (1)\_\_\_\_\_by this war has no precedent in history. (2)\_\_\_\_\_the earlier wars, the civilian populations were (3)\_\_\_\_\_not involved and the casualties were mostly (4)\_\_\_\_\_to the warring armies. The war (5)\_\_\_\_\_began in 1914 was a total war in which all the resources of the warring states were mobilized.

**SubQuestion No : 6**

**Q.6 Select the most appropriate option for blank No. 2.**

- Ans  1. At  
 2. In  
 3. On  
 4. Into

Question ID : 98958012520

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.

In 1914 a war began in Europe which engulfed the entire world. The damage (1)\_\_\_\_\_by this war has no precedent in history. (2)\_\_\_\_\_the earlier wars, the civilian populations were (3)\_\_\_\_\_not involved and the casualties were mostly (4)\_\_\_\_\_to the warring armies. The war (5)\_\_\_\_\_began in 1914 was a total war in which all the resources of the warring states were mobilized.

**SubQuestion No : 7**

**Q.7 Select the most appropriate option for blank No. 3.**

- Ans  1. generally  
 2. broadly  
 3. finally  
 4. chiefly

Question ID : 98958012521

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.

In 1914 a war began in Europe which engulfed the entire world. The damage (1)\_\_\_\_\_by this war has no precedent in history. (2)\_\_\_\_\_the earlier wars, the civilian populations were (3)\_\_\_\_\_not involved and the casualties were mostly (4)\_\_\_\_\_to the warring armies. The war (5)\_\_\_\_\_began in 1914 was a total war in which all the resources of the warring states were mobilized.

**SubQuestion No : 8**

**Q.8 Select the most appropriate option for blank No. 4.**

- Ans  1. confined  
 2. bound  
 3. belonged  
 4. retrained

Question ID : 98958012522

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.

In 1914 a war began in Europe which engulfed the entire world. The damage (1)\_\_\_\_\_by this war has no precedent in history. (2)\_\_\_\_\_the earlier wars, the civilian populations were (3)\_\_\_\_\_not involved and the casualties were mostly (4)\_\_\_\_\_to the warring armies. The war (5)\_\_\_\_\_began in 1914 was a total war in which all the resources of the warring states were mobilized.

#### SubQuestion No : 9





Q.9 Select the most appropriate option for blank No. 5.

- Ans  1. which  
 2. what  
 3. whom  
 4. who

Question ID : 98958012523  
Status : Answered  
Chosen Option : 1

Q.10 Select the correct passive form of the given sentence.





Take this suitcase upstairs.

- Ans  1. This suitcase should be taken upstairs.  
 2. You are requested to take this suitcase upstairs.  
 3. You must be taking this suitcase upstairs.  
 4. Let this suitcase been taken upstairs.

Question ID : 98958012514  
Status : Answered  
Chosen Option : 2

Q.11 Select the correct active form of the given sentence.

The wall of this park is being painted by children.

- Ans  1. Children are painting the wall of this park.  
 2. The wall is painting children of this park.  
 3. Children painted the wall of this park.  
 4. Children have been painting the wall of this park.

Question ID : 98958012515  
Status : Answered  
Chosen Option : 1

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

You won't tell the secret, won't you?

- Ans  1. No improvement  
 2. would you  
 3. isn't it  
 4. will you

Question ID : 98958012516  
Status : Answered  
Chosen Option : 4

Q.13 Select the wrongly spelt word.

Ans

- ☒ 1. megre  
☒ 2. meadow  
☒ 3. measure  
☒ 4. matter

Question ID : 98958012534  
Status : Answered  
Chosen Option : 1

Q.14 Select the wrongly spelt word.

- Ans ☒ 1. renassaince  
☒ 2. rendezvous  
☒ 3. remonstrate  
☒ 4. remuneration

Question ID : 98958012535  
Status : Answered  
Chosen Option : 1

Q.15 In the sentence identify the segment which contains the grammatical error.

I know the cobbler which mends the shoes outside the gate of our colony.

- Ans ☒ 1. the shoes  
☒ 2. which mends  
☒ 3. I know the cobbler  
☒ 4. outside the gate

Question ID : 98958012512  
Status : Answered  
Chosen Option : 2

Q.16 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

The Head has been so busy to go through these files and resolve the matter.

- Ans ☒ 1. No improvement  
☒ 2. too busy to go through  
☒ 3. such busy to go through  
☒ 4. too so busy to go through

Question ID : 98958012517  
Status : Answered  
Chosen Option : 2

Q.17 Select the word which means the same as the group of words given.

Persons living at the same time

- Ans ☒ 1. compatriots  
☒ 2. contemporaries  
☒ 3. cosmopolitans  
☒ 4. colleagues

Question ID : 98958012533  
Status : Answered  
Chosen Option : 2



Q.18 Select the antonym of the given word.

REPRIMAND

- Ans  1. apprehend  
 2. compliment  
 3. blame  
 4. reproach

Question ID : 98958012529

Status : Answered

Chosen Option : 2

Q.19 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. In China, thousands of people celebrated it.  
B. The Lunar New Year of the Pig began on 5th February.  
C. Others burned the first joss sticks of the year to bring them good fortune.  
D. Some performers re-enacted historical ceremonies.

- Ans  1. BADC  
 2. BDCA  
 3. ABCD  
 4. DABC





Question ID : 98958012524

Status : Answered

Chosen Option : 1

Q.20 Select the most appropriate meaning of the given idiom.

Couch potato

- Ans  1. a person who sleeps all day  
 2. a person who watches too much television  
 3. a person who remains relaxed and calm  
 4. a person who is simple in nature

Question ID : 98958012530

Status : Answered

Chosen Option : 2

Q.21 Select the synonym of the given word.

DUBIOUS

- Ans  1. loyal  
 2. certain  
 3. fishy  
 4. steady


Question ID : 98958012526

Status : Answered

Chosen Option : 3

Q.22 Select the synonym of the given word.

ENTICE

- Ans  1. entrap  
 2. entail  
 3. ensue

 4. enrage

Question ID : **98958012527**  
Status : **Answered**  
Chosen Option : **4**

**Q.23** Select the word which means the same as the group of words given.

Someone who believes that people cannot change the way events will happen **Ans**

-  1. prophet
-  2. fatalist
-  3. fanatic
-  4. seer

Question ID : **98958012532**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.24** Given below are four jumbled sentences. Select the option that gives their correct order.





- A. Canada accounts for nearly one-third of the world's production of news print.
- B. Forest products, therefore, have been important export items of Canada for more than a century.
- C. A large part of Canada is covered with coniferous trees.
- D. Pulp and paper are the two most important forest products. **Ans**

-  1. ABCD
-  2. DCAB
-  3. BACD
-  4. CBDA

Question ID : **98958012525**  
Status : **Answered**  
Chosen Option : **2**

**Q.25** Select the most appropriate meaning of the given idiom.

Lead someone by the nose **Ans**

-  1. to dominate someone
-  2. to do the right thing
-  3. to force someone to take the blame
-  4. to quarrel with someone

Question ID : **98958012531**  
Status : **Not Answered**  
Chosen Option : **--**