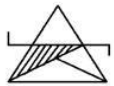


## CGLE- Combined Graduate Level Tier-I, 2018 Examination

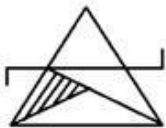
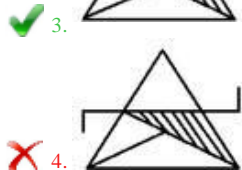
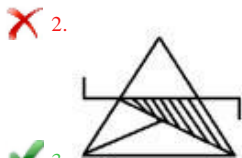
Roll No.	
Registration No.	
Name	
Test Venue	All India Ex-Servicemen Electronics And Computer Institute
Test Time	4:00 PM - 5:00 PM
Test Date	06/06/2019

### Section : General Intelligence and Reasoning

**Q.1** Identify the mirror image of the following figure when the mirror is placed to the right of the figure.



Ans



Question ID : 98958014246

Status : Answered

Chosen Option : 3

**Q.2**

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

Ans Author : B  
1. Reptile : Crawl

✗ 2. Doctor : Medicine

✗ 3. Mother : Son

4. Spider : Web

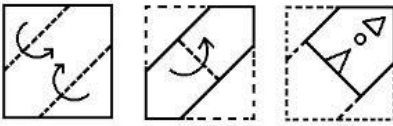
Question ID : 98958014229

Status : Answered

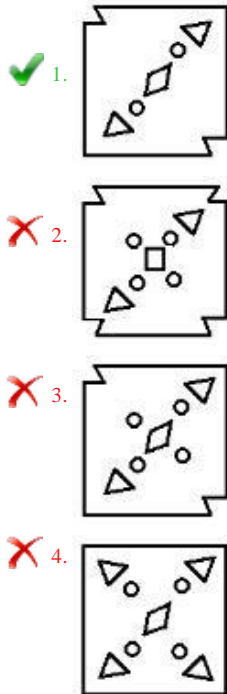
Chosen Option : 4

**Q.3**

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



Ans



Question ID : 98958014247

Status : Answered

Chosen Option : 1

Q.4 Find the next number in the given series.

Ans 3, 13, 31, ?, 91

- 1. 57
- 2. 48
- 3. 69
- 4. 63

Question ID : 98958013041

Status : Answered

Chosen Option : 1

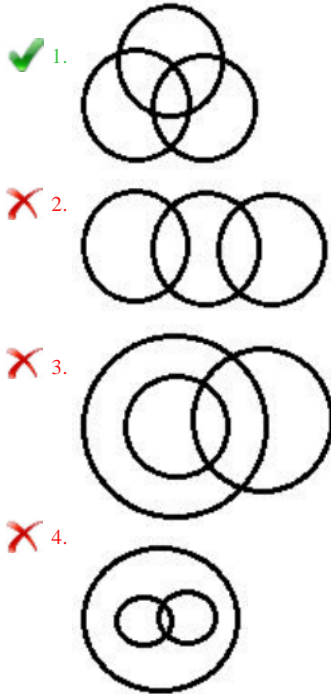
Q.5 In a code language if VERY is written as UDQX, then in the same language how will you write the word URGENT?

- 1. TMSQFD
- 2. TQFDMS
- 3. QFDTMS
- 4. MSQTFD

Q.6 Choose the Venn diagram that best illustrates the relationship among the following classes:

Women, Entrepreneurs, Engineers

Ans



Question ID : 98958014248  
Status : Answered  
Chosen Option : 1

Q.7 Select the option that is related to the third term in the same way as the second term is related to the first term.

Ans LAMP : PATM :: MATE : \_\_\_\_\_

1. EAML
2. ELAM
3. MEAL
4. LAME

Question ID : 98958013038  
Status : Answered  
Chosen Option : 1

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

a \_ ca bab \_ ad abc db

Ans

1. bdcba
2. bddac
3. bdcab
4. bcdba

Question ID : 98958014232  
Status : Answered  
Chosen Option : 1

Q.9 जिस प्रकार 'कमरे' का संबंध 'छत' से है उसी प्रकार 'मुँह' का संबंध ' \_\_\_\_\_ ' से है।

- Ans
1. दाँत
  2. होठ
  - ☒ 3. गला
  4. तालु

Question ID : 98958014228  
Status : Answered  
Chosen Option : 4

Q.10 Choose the set of numbers that is similar to the following set.

(6, 9, 18)

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

Question ID : 98958014238  
Status : Answered  
Chosen Option : 1

Q.11 Select the number pair in which the two numbers are related in the same way as the two numbers of the pair given below.

35 : 6

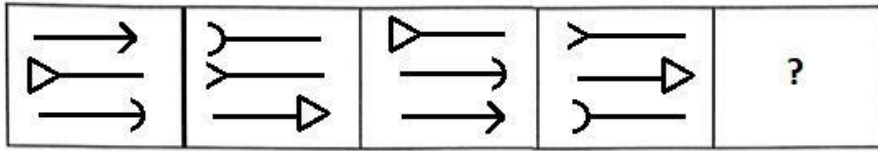
- Ans
- ☒ 1. 85 : 9
  - ☒ 2. 120 : 11
  - ☒ 3. 64 : 8
  - ☒ 4. 26 : 5

Question ID : 98958014236  
Status : Answered  
Chosen Option : 2

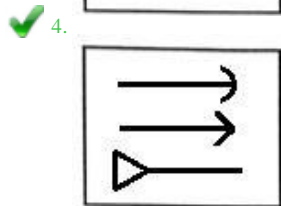
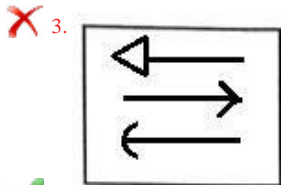
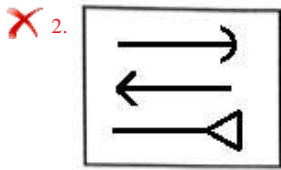
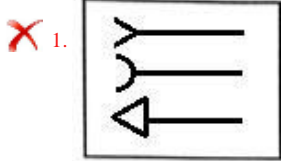
Q.12 निम्नलिखित चार शब्दों में से तीन शब्द किसी प्रकार से एकसमान हैं और एक शब्द असमान है। असमान शब्द का चयन कीजिए।

- Ans
1. मध्यांतर
  2. अंत
  3. विदाई
  - ☒ 4. समापन

Q.13 Select the figure that will come next in the following figure series.



Ans



Q.14 निम्नलिखित शब्दों को एक तार्किक एवं अर्थपूर्ण क्रम में व्यवस्थित कीजिए।

1. बादल

2. इन्द्रधनुष

3. विध्वंस

4. वर्षा

5. निम्न दबाव

Ans

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

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

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

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

Question ID : 98958014225

Status : Answered

Chosen Option : 2

Q.15 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans

☒ 1. GKRV

☒ 2. BFMQ

☒ 3. JNPS

☒ 4. DGKL

Question ID : 98958014226

Status : Answered

Chosen Option : 4

Q.16 Two statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real-world knowledge, decide which of the conclusion(s) logically follow/s from the statements.

Statements:

All ponds are pools.

Some wells are ponds.

Conclusions:

I. Some ponds are not wells.

II. Some wells are pools.

Ans

III. ☒ Only conclusion I follows

☒ 2. None of the conclusions follow

3. Only conclusion III follows

4. Only conclusion II follows

Question ID : 98958014234

Status : Answered

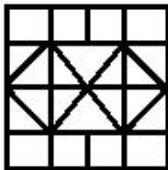
Chosen Option : 4

Q.17 Select the figure in which the given figure is embedded.

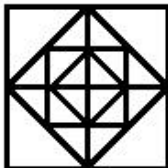
Ans



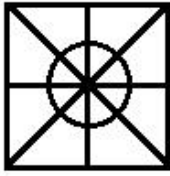
☒ 1.



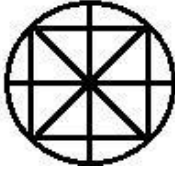
☒ 2.



✗ 3.



✗ 4.



Question ID : 98958014245

Status : Answered

Chosen Option : 2

Q.18 निम्नलिखित चार शब्द युग्म में से तीन शब्द युग्म किसी प्रकार से एकसमान हैं और एक शब्द युग्म असमान है। असमान शब्द युग्म का चयन कीजिए।

Ans

✗ 1.

बाथरूम : शायर

2.

बगीचा : करछुल

3.

अध्ययन कक्ष : टेबल लैंप

4.

रसोई : कड़ाही

Question ID : 98958013039

Status : Answered

Chosen Option : 2

Q.19 Select the term that will come in the place of ?

7, 11, 19, 31, ?, 67

Ans

✗ 1.

43

✓ 2.

47

✗ 3.

51

✗ 4.

45

Question ID : 98958014235

Status : Answered

Chosen Option : 2

Q.20 In a code language, SEDATIVE is coded as ATDESEVI. How would PERSONAL be coded in that language?

Ans

✗ 1.

SOPERLAN

✗ 2.

SOERPANL

✓ 3.

SOREPLAN

✗ 4.

OSREPLAN

Question ID : 98958014230

Status : Answered

Chosen Option : 3

Q.21 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- Ans
- ☒ 1. CDQR
  - ☒ 2. EFST
  - ☒ 3. GHTV
  - ☒ 4. ABOP

Question ID : 98958013037

Status : Answered

Chosen Option : 3

Q.22 What will be the value of the following equation if '+' means 'addition', '-' means 'subtraction', '÷' means 'multiplication' and '×' means 'division'?

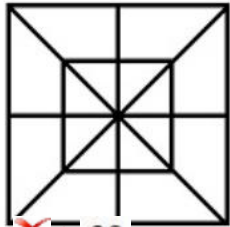
- Ans
- $72 \times 9 \div 8 + 2 = ?$
- ☒ 1. 30
  - ☒ 2. 25
  - ☒ 3. 35
  - ☒ 4. 40

Question ID : 98958013043

Status : Answered

Chosen Option : 1

Q.23 How many triangles are there in the following figure?



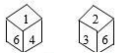
- Ans
- ☒ 1. 28
  - ☒ 2. 32
  - ☒ 3. 36
  - ☒ 4. 24

Question ID : 98958014243

Status : Answered

Chosen Option : 2

Q.24 Two rotated positions of a dice are given below. Which number will be at the top if the number 1 is on the bottom of the dice?



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



Question ID : 98958014244


Status : Answered

Chosen Option : 3

**Q.25** 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.

CDAF : XWZU :: DEFC : ?

Ans

-  1. XWYV
-  2. WVXU
-  3. VWXU
-  4. WVUX

Question ID : 98958014224

Status : Answered

Chosen Option : 4

Section : General Awareness

**Q.1** Minimum Support Price (MSP) is recommended by \_\_\_\_.

Ans

-  1. The Food Safety and Standards Authority of India
-  2. The Farmers' Welfare Society
-  3. The Commission for Weights and Measures
-  4. The Commission for Agricultural Costs and Prices

Question ID : 98958014277

Status : Answered

Chosen Option : 1

**Q.2** Varkala, Chowara, Chavakkad and Nattika are beaches in the state of \_\_\_\_.

Ans

-  1. Kerala
-  2. Karnataka
-  3. Maharashtra
-  4. Tamil Nadu

Question ID : 98958014283

Status : Answered

Chosen Option : 2

**Q.3** The highest railway station in India is located in the state of \_\_\_\_.

Ans

-  1. West Bengal
-  2. Sikkim
-  3. Uttar Pradesh
-  4. Jammu & Kashmir

Question ID : 98958014284

Status : Answered

Chosen Option : 4

**Q.4** Ricket' is a disease associated with the deficiency of\_\_\_\_\_.

- Ans
- ☒ 1. Vitamin D
  - ☐ 2. Vitamin C
  - ☐ 3. Vitamin B
  - ☐ 4. Vitamin A

Question ID : 98958014280

Status : Answered  
Chosen Option : 2

Q.5 The Khajuraho Temples are located in the state of \_\_\_\_.

- Ans
- ☐ 1. Uttarakhand
  - ☐ 2. Uttar Pradesh
  - ☐ 3. Andhra Pradesh
  - ☒ 4. Madhya Pradesh

Question ID : 98958014274

Status : Answered  
Chosen Option : 4

Q.6 During photosynthesis, green plants use energy from sunlight to synthesise \_\_\_\_\_ from carbon dioxide and water.

- Ans
- ☐ 1. fructose
  - ☒ 2. glucose
  - ☐ 3. sucrose
  - ☐ 4. galactose

Question ID : 98958014281

Status : Answered  
Chosen Option : 2

Q.7 Who was the first woman judge of the Delhi High Court? Ans

- ☐ 1. Ruma Pal
- ☒ 2. Leila Seth
- ☐ 3. Sujata Manohar
- ☐ 4. Anna Chandi

Question ID : 98958014291

Status : Answered  
Chosen Option : 2

Q.8 \_\_\_\_\_ is the oldest member of the 16th Lok Sabha.

- Ans
- ☐ 1. Farooq Abdullah
  - ☐ 2. Murli Manohar Joshi
  - ☒ 3. Lal Krishna Advani
  - ☐ 4. Ram Jethmalani

Question ID : 98958014290

Status : Answered  
Chosen Option : 2

Q.9 The Banking Regulation Act was passed in India in \_\_\_\_ .

- Ans
- ☒ 1. 1951
  - ☒ 2. 1949
  - ☒ 3. 1974
  - ☒ 4. 1965

Question ID : 98958014276

Status : Answered  
Chosen Option : 2

Q.10 Who became the first Indian golfer to win on the 'Ladies European Tour' in 2016? Ans

- ☒ 1. Vani Kapoor
- ☒ 2. Gursimar Badwal
- ☒ 3. Diksha Dagar
- ☒ 4. Aditi Ashok

Question ID : 98958014294

Status : Answered  
Chosen Option : 2

Q.11 What is India's rank in 2019 World Happiness Report?

- Ans
- ☒ 1. 150th
  - ☒ 2. 160th
  - ☒ 3. 130th
  - ☒ 4. 140th

Question ID : 98958014298

Status : Answered  
Chosen Option : 4

Q.12 Article \_\_\_\_ of the Constitution of India gives the Election Commission the power to supervise elections to the Parliament and state legislatures.

- Ans
- ☒ 1. 314
  - ☒ 2. 341
  - ☒ 3. 342
  - ☒ 4. 324

Question ID : 98958014292

Status : Answered  
Chosen Option : 4

Q.13 The Pradhan Mantri Shram Yogi Mandhan Yojana was launched by \_\_\_\_ .

- Ans
- ☒ 1. Arun Jaitley
  - ☒ 2. Narendra Modi
  - ☒ 3. Smriti Zubin Irani
  - ☒ 4. Ram Nath Kovind

Question ID : 98958014297

Status : **Answered**  
Chosen Option : 2

Q.14 \_\_\_\_\_ is the oldest golf course outside the United Kingdom.

- Ans
-  1. Royal Springs Golf Course, Srinagar
  -  2. Royal Calcutta Golf Club, Kolkata
  -  3. Tollygunge Golf Club, Kolkata
  -  4. Classic Golf Resort, New Delhi


Question ID : 98958014295  
Status : **Answered**  
Chosen Option : 2

Q.15 \_\_\_\_\_ was the first and only Muslim woman to ever sit on the throne of Delhi.

- Ans
-  1. Fatima Al Fihri
  -  2. Shajarat Al Durr
  -  3. Gevher Sultan
  -  4. Razia Begum


Question ID : 98958014286  
Status : **Answered**  
Chosen Option : 4

Q

- Ans
-  1. □□□□
  -  2. □□□□□□
  -  3. □□T□□
  -  4. □□□ □□□ □□□

Question ID : 98958014287  
Status : **Answered**  
Chosen Option : 4

Q.17 Which of the following acid found in Apple?

- Ans
-  1. Sulphuric Acid
  -  2. Nitric Acid
  -  3. Formic Acid
  -  4. Malic Acid

Question ID : 98958014282  
Status : **Answered**  
Chosen Option : 4

Q.18 Which of the following is NOT a vocal form of Hindustani classical music? Ans

-  1. Drupad
-  2. Dhamar
-  3. Tarana
-  4. Pakhawaj

Question ID : 98958014275  
Status : Answered  
Chosen Option : 2

Q.19 Which one of the following was NOT a condition laid down in the Gandhi-Irwin Pact? Ans

- ☒ 1. Withdrawal of tax on khadi production
- ☐ 2. The Indian National Congress should stop the civil disobedience movement
- ☐ 3. Participation in the Round Table Conference by the Indian National Congress
- ☐ 4. Removal of salt tax; allowing to produce, trade and sell legally

Question ID : 98958014288  
Status : Answered  
Chosen Option : 3

Q.20 The National Board for Micro, Small and Medium Enterprises meets once every \_\_\_\_\_ months in a year.

- Ans
- ☐ 1. 9
  - ☐ 2. 2
  - ☐ 3. 3
  - ☒ 4. 6

Question ID : 98958014293  
Status : Answered  
Chosen Option : 4

Q.21 The Indian Passport was ranked \_\_\_\_\_ in the 'Global Passport Index Report 2019'.

- Ans
- ☐ 1. 77th
  - ☐ 2. 65th
  - ☐ 3. 56th
  - ☒ 4. 67th

Question ID : 98958014296  
Status : Answered  
Chosen Option : 2

Q.22 The \_\_\_\_\_ was a group of seven Members of Parliament from the United Kingdom, constituted to suggest constitutional reforms for British India.

- Ans
- ☐ 1. Fraser Commission
  - ☐ 2. Sargent Commission
  - ☐ 3. Hunter Commission
  - ☒ 4. Simon Commission

Question ID : 98958014289  
Status : Answered  
Chosen Option : 4

Q.23 "\_\_\_\_\_ is a fluid \_\_\_\_\_" \_\_\_\_\_

- Ans
- ☒ 1. \_\_\_\_\_
  - ☐ 2. \_\_\_\_\_ (Fluid) \_\_\_\_\_

3.  ☐ B ☐ 7 ☐ ☐ B ☐ B ☐ B ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ B ☐ T ☐ " ☐ ☐ ☐ ☐


 4. □□□□, β□□□□□□□□□□β□□□□=□□□□"  
□□5□□□□


Question ID : 98958014278


Status : Answered


Chosen Option : 1

**Q.24**    □□B□B\$ □ □ □'□□ B□□□ | \_\_\_\_\_ □" □B□□□'□ □□□□ □□□□  
             □□    -

Ans  1.      7

 2.

 3. \

 4.     t




Question ID : 98958014279

Status : Answered

Chosen Option : 4

**Q.25 \_\_\_\_\_ is the largest river island in the world.**

Ans

-  1. Bahvani
-  2. Majuli
-  3. Umananda
-  4. Munroe

Question ID : 98958014285

Status : Answered

Chosen Option : **2**

## Section : Quantitative Aptitude

**Q.1** If a 10-digit number  $2094x843y2$  is divisible by 88, then the value of  $(5x - 7y)$  for the largest possible value of  $x$ , is:

Ans

☒ 1. 6

☒ 2. 2

☒ 3. 3


☒ 4. 5


Question ID : 98958013249


Status : Not Answered


Chosen Option : --

Q.2  $\left( \frac{1}{1 + \sin^2 \theta} + \frac{1}{1 + \operatorname{cosec}^2 \theta} \right) =$

Ans  1. 1

 2.  $\operatorname{cosec}^2 \theta$

 3.  $\sin^2 \theta$

 4. 2

Question ID : 98958013165

Status : Answered

Chosen Option : 1

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

Ans

1.  $6\sqrt{6}$
2.  $\sqrt{3}$
3.  $6\sqrt{3}$
4.  $\sqrt{6}$





Question ID : 98958013260

Status : Answered

Chosen Option : 4

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

Ans

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





Question ID : 98958013267

Status : Not Answered

Chosen Option : --

Q.5 In  $\triangle ACE$ , B and D are the points on side AC and CE, respectively, such that  $BD \parallel AE$  and  $AE = \frac{8}{3} BD$ . What is the ratio of the area of  $\triangle BDC$  to that of  $\triangle AEC$ ?

Ans

-  1. 9 : 64
-  2. 9 : 16
-  3. 3 : 8
-  4. 8 : 11

Question ID : 98958013266

Status : Answered

Chosen Option : 1

Q.6 Sudha saves 15% of her income. If her expenditure increases by 20% and savings increase by 60%, then by what percent has her income increased?

Ans

-  1. 35
-  2. 24
-  3. 26
-  4. 30

Question ID : 98958013253

Status : Answered

Chosen Option : 3

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

- Ans
- 1. 54 days
  - ☒ 2. 50 days
  - ☒ 3. 57 days
  - ☒ 4. 60 days

Question ID : 98958013257

Status : Answered

Chosen Option : 3

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

- Ans
- ☒ 1. 9
  - ☒ 2. 6
  - ☒ 3. 48
  - ☒ 4. 16

Question ID : 98958013250

Status : Not Answered

Chosen Option : --

**Q.9** A train travelling at 44 km/h crosses a man walking with a speed of 8 km/h, in the same direction, in 15 seconds. If the train crosses a woman coming from the opposite direction in 10 seconds, then what is the speed (in km/h) of the woman?

- Ans
- ☒ 1. 10.5
  - ☒ 2. 8.5
  - ☒ 3. 9
  - ☒ 4. 10

Question ID : 98958013258

Status : Answered

Chosen Option : 4

**Q.10** In  $\triangle ABC$ , D is a point on AC such that  $AB = BD = DC$ . If  $\angle BAD = 70^\circ$ , then the measure of  $\angle B$  is:

- Ans
- ☒ 1.  $70^\circ$
  - ☒ 2.  $82^\circ$
  - ☒ 3.  $75^\circ$
  - ☒ 4.  $80^\circ$

Question ID : 98958013265

Status : Answered

Chosen Option : 3

**Q.11** The area of a  $\triangle ABC$  is one unit. DE is a straight line parallel to BC, joining the points D and E on AB and AC respectively such that  $AD : DB = 1 : 6$ . The ratio of the areas of the triangles ADE and ABC is:

- Ans
- ☒ 1. 1 : 36
  - ☒ 2. 1 : 6
  - ☒ 3. 1 : 49



 4. 1 : 7

Question ID : 98958013164

Status : Answered

Chosen Option : 3

Q.12 The table shows the production of different types of cars (in thousands).

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

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

- Ans  1. 24.8
-  2. 23.4
-  3. 25.6
-  4. 22.2

Question ID : 98958013273

Status : Not Answered

Chosen Option : --

Q.13 If  $a + b + c = 2$ ,  $a^2 + b^2 + c^2 = 26$ , then the value of  $a^3 + b^3 + c^3 - 3abc$  is:





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

Question ID : 98958013262

Status : Not Answered

Chosen Option : --

Q.14 If  $(1 + \tan^2 \theta) + (1 + (\tan^2 \theta)^{-1}) = k$ , then  $\sqrt{k} = ?$

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

Question ID : 98958013268

Status : Answered




Chosen Option : 2

Q.15

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

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

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

- Ans  1. 4 : 3
-  2. 3 : 4
-  3. 8 : 7
-  4. 7 : 8

Question ID : 98958013270

Status : Not Answered

Chosen Option : --

**Q.16** PQRS is a cyclic quadrilateral. If angle P is three times the angle R and angle S is five times the angle Q, then the sum of the angles Q and R is:

- Ans  1.  $72^\circ$
-  2.  $75^\circ$
-  3.  $70^\circ$
-  4.  $65^\circ$

Question ID : 98958013263

Status : Answered

Chosen Option : 2

**Q.17**

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

- Ans  1. 0
-  2. -1
-  3. 1
-  4. 2

Question ID : 98958013269

Status : Not Answered

Chosen Option : --

**Q.18** The average of eleven numbers is 54. The average of the first four numbers is 48 and that of the next four numbers is 25% more than the average of the first four. The ninth number is 8 greater than the 11<sup>th</sup> number and the tenth number is 4 greater than the 11<sup>th</sup> number. What is the average of the 9<sup>th</sup> and the 10<sup>th</sup> numbers?

- Ans  1. 54
-  2. 52.6
-  3. 56
-  4. 54.4

Question ID : 98958013251

Status : Not Answered

Chosen Option : --

**Q.19** The table shows the production of different types of cars (in thousands).

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

If the data related to the production of type D cars is represented by a pie-chart, then the central angle of the sector

Ans re. 1. 78° production of the cars in 2016 will be:

2. 67.2°

3. 72°

4. 79.2°

Question ID : 98958013271

Status : Not Answered

Chosen Option : --

**Q.20** If  $a + \frac{1}{a} = 3$ , then  $(a^4 + \frac{1}{a^4})$  is equal to:

Ans 1. 77

2. 81

3. 47

4. 27

Question ID : 98958013163

Status : Answered

Chosen Option : 3

**Q.21** The radii of three concentric circles are in the ratio of 4 : 5 : 7. What is the ratio of the area between the two inner circles to that between the two outer circles?

Ans 1. 3 : 8

2. 4 : 5

3. 4 : 7

4. 5 : 9

Question ID : 98958013259

Status : Answered

Chosen Option : 1

**Q.22** In a circle with center O and radius 10 cm, PQ and RS are two parallel chords of lengths  $x$  cm and 12 cm, respectively, and both the chords are on the opposite side of O. If the distance between PQ and RS is 14 cm, the value of  $x$  is:

Ans 1. 18

2. 20

3. 15

4. 16





Question ID : 98958013264

Status : Answered

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

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

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

- Ans ca  1. 40%
-  2. 38%
-  3. 32%
-  4. 35%

Question ID : 98958013272

Status : Not Answered

Chosen Option : --

**Q.24** A person borrowed a certain sum at 10% p.a. for three years, interest being compounded annually. At the end of two years, he repaid a sum of ₹6,634 and at the end of the third year, he cleared off the debt by paying ₹13,200. What was the sum borrowed by him?

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

Question ID : 98958013256

Status : Not Answered

Chosen Option : --

**Q.25** Some fruits are bought at a rate of 11 for ₹100 and an equal number at a rate of 9 for ₹100. If all the fruits are sold at a rate of 10 for ₹100, then what is the gain or loss percent in the entire transaction?

- Ans  1. Loss, 5%
-  2. Loss, 1%
-  3. Gain, 1%
-  4. Gain, 5%

Question ID : 98958013254



Status : Answered

Chosen Option : 2

#### Section : English Comprehension

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

We will rest for sometime when we will reach the top.

- Ans  1. when we will
-  2. for sometime

- ☒ 3. We will rest
- ☒ 4. reach the top

Question ID : 98958012538  
Status : Answered  
Chosen Option : 1

Q.2 Select the wrongly spelt word.

- Ans ☒ 1. hasitate
- ☒ 2. hazy
- ☒ 3. hasty
- ☒ 4. hazard

Question ID : 98958012560  
Status : Answered  
Chosen Option : 1

Q.3 Select the antonym of the given word.

GATHER

- Ans ☒ 1. distract
- ☒ 2. dispute
- ☒ 3. disperse
- ☒ 4. display

Question ID : 98958012555  
Status : Answered  
Chosen Option : 3

Q.4 Select the correct passive form of the given sentence.

Show these visitors the butterfly farm.

- Ans ☒ 1. These visitors should be showed the butterfly farm.
- ☒ 2. Let these visitors be shown the butterfly farm.
- ☒ 3. Let these visitors be showing the butterfly farm.
- ☒ 4. You must show these visitors the butterfly farm.

Question ID : 98958012540  
Status : Answered  
Chosen Option : 2

Q.5 Select the most appropriate meaning of the given idiom.

butterflies in the stomach

- Ans ☒ 1. being angry
- ☒ 2. being hungry
- ☒ 3. being nervous
- ☒ 4. being excited

Question ID : 98958012557  
Status : Answered

**Q.6** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. It is one of the highly developed countries of the world.
- B. It stretches from the Atlantic Ocean in the east to the Pacific Ocean in the west.
- C. The USA consists of 50 states including Alaska and Hawaii.
- D. The United States of America (USA) is the 4th largest country in the world.

- Ans
-  1. ADCB
  -  2. CBAD
  -  3. CBDA
  -  4. DBCA





Question ID : 98958012550

Status : Answered

Chosen Option : 4

**Q.7** In the sentence identify the segment which contains the grammatical error.

The river Yamuna has many non-native species like goldfish that is affecting its eco-system.

- Ans
-  1. The river Yamuna
  -  2. its eco-system
  -  3. that is affecting
  -  4. has many non-native species

Question ID : 98958012539

Status : Answered

Chosen Option : 3

**Q.8** Select the word which means the same as the group of words given.

a family of young animals

- Ans
-  1. offspring
  -  2. clutch
  -  3. nest
  -  4. brood


Question ID : 98958012558

Status : Answered

Chosen Option : 4

**Q.9** Select the most appropriate word to fill in the blank.

The National war memorial is \_\_\_\_\_ to our Armed Forces.

- Ans
-  1. dedicated
  -  2. honoured
  -  3. inscribed
  -  4. devoted

Question ID : 98958012563

Status : Answered

Chosen Option : 1

Q.10 Select the most appropriate word to fill in the blank.

A painting competition was held in the colony and Kavya was \_\_\_\_\_ winner in the age group 3-5 years.

- Ans
- ☒ 1. described
  - ☒ 2. supposed
  - ☒ 3. publicized
  - ☒ 4. declared

Question ID : 98958012562

Status : Answered

Chosen Option : 4

Q.11 Select the wrongly spelt word.

- Ans
- ☒ 1. remnant
  - ☒ 2. reminascent
  - ☒ 3. remittance
  - ☒ 4. remembrance

Question ID : 98958012561

Status : Answered

Chosen Option : 1

Q.12 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. What was supposed to be a holiday of a lifetime turned into a dangerous experience for 1,300 passengers on a cruise ship off the coast of Norway.
- B. The Norwegian Government decided to evacuate the passengers with the help of helicopters.
- C. The ship broke down in rough seas and high-speed winds caused it to rock heavily from side to side.
- D. From the first 371 evacuated passengers, 17 had to be taken to hospital.

- Ans
- ☒ 1. CBDA
  - ☒ 2. CABD
  - ☒ 3. ABCD
  - ☒ 4. ACBD

Question ID : 98958012551

Status : Answered

Chosen Option : 4

### Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Canada is three times the size of India (1)\_\_\_\_\_. Its population is only about 26 million. The average (2)\_\_\_\_\_ of population is less than three persons per square kilometer (3)\_\_\_\_\_ Canada. The distribution of population is highly (4)\_\_\_\_\_. Nearly 80 per cent of the people (5)\_\_\_\_\_ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

SubQuestion No : 13

Q.13 Select the most appropriate option for blank No. 1. Ans

- ☒ 1. because
- ☒ 2. but

 3. until

 4. so

Question ID : 98958012545

Status : Answered

Chosen Option : 2

**Comprehension:**


In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.


Canada is three times the size of India (1)\_\_\_\_\_its population is only about 26 million. The average (2)\_\_\_\_\_of population is less than three persons per square kilometer (3)\_\_\_\_\_Canada. The distribution of population is highly (4)\_. Nearly 80 per cent of the people (5)\_\_\_\_\_in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 14**

**Q.14 Select the most appropriate option for blank No. 2. Ans**

 1. consistency

 2. frequency

 3. quantity

 4. density

Question ID : 98958012546

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Canada is three times the size of India (1)\_\_\_\_\_its population is only about 26 million. The average (2)\_\_\_\_\_of population is less than three persons per square kilometer (3)\_\_\_\_\_Canada. The distribution of population is highly (4)\_. Nearly 80 per cent of the people (5)\_\_\_\_\_in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 15**

**Q.15 Select the most appropriate option for blank No. 3. Ans**

 1. at

 2. into

 3. in

 4. on

Question ID : 98958012547

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.

Canada is three times the size of India (1)\_\_\_\_\_its population is only about 26 million. The average (2)\_\_\_\_\_of population is less than three persons per square kilometer (3)\_\_\_\_\_Canada. The distribution of population is highly (4)\_. Nearly 80 per cent of the people (5)\_\_\_\_\_in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 16**



Q.16 Select the most appropriate option for blank No. 4. Ans

- ☒ 1. infrequent
- ☒ 2. rough
- ☒ 3. differing
- ☒ 4. uneven

Question ID : 98958012548

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Canada is three times the size of India (1)\_\_\_\_\_its population is only about 26 million. The average (2)\_\_\_\_\_of population is less than three persons per square kilometer (3)\_\_\_\_\_Canada. The distribution of population is highly (4)\_. Nearly 80 per cent of the people (5)\_\_\_\_\_in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

SubQuestion No : 17

Q.17 Select the most appropriate option for blank No. 5. Ans

- ☒ 1. subsist
- ☒ 2. survive
- ☒ 3. live
- ☒ 4. remain

Question ID : 98958012549

Status : Answered

Chosen Option : 3

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

We had never seen so strong blizzard. The wind speed was 130 km per hour .

- Ans
- ☒ 1. such a strong blizzard
  - ☒ 2. such strong a blizzard
  - ☒ 3. no improvement
  - ☒ 4. so strong the blizzard

Question ID : 98958012543

Status : Answered

Chosen Option : 1

Q.19 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

They didn't see you, is it?

- Ans
- ☒ 1. have they
  - ☒ 2. no improvement
  - ☒ 3. did they
  - ☒ 4. wasn't it

Question ID : 98958012542

Q.20 Select the synonym of the given word.


ENGULF

- Ans  1. encroach  
 2. enshrine  
 3. envelop  
 4. entangle

Question ID : **98958012553**  
Status : **Answered**  
Chosen Option : **1**

Q.21 Select the synonym of the given word.

DRAG

- Ans  1. pull  
 2. rush  
 3. push  
 4. rest

Question ID : **98958012552**  
Status : **Answered**  
Chosen Option : **1**

Q.22 Select the word which means the same as the group of words given.





A person appointed by two parties to resolve a dispute

- Ans  1. arbitrator  
 2. broker  
 3. valuer  
 4. auditor

Question ID : **98958012559**  
Status : **Answered**  
Chosen Option : **1**

Q.23 Select the correct active form of the given sentence.

The injured were being removed to the hospital by the police.

- Ans  1. The injured was removing the police to the hospital.  
 2. The police was removing the injured to the hospital.  
 3. The police removed the injured to the hospital.  
 4. The police has been removing the injured to the hospital.

Question ID : **98958012541**  
Status : **Answered**  
Chosen Option : **2**

Q.24 Select the antonym of the given word.

COMIC

Ans



1. amusing



2. tragic



3. awkward



4. absurd

Question ID : 98958012554

Status : Answered

Chosen Option : 2

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

out of the woods

Ans



1. no longer famous



2. no longer in sight



3. no longer young



4. no longer in trouble

Question ID : 98958012556

Status : Answered

Chosen Option : 4