

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

Roll No.	
Registration No.	
Name	
Test Venue	iON Digital Zone iDZ Chandigarh
Test Time	10:00 AM - 11:00 AM
Test Date	07/06/2019

## Section : General Intelligence and Reasoning

**Q.1** Choose the set of numbers that is similar to the following set.

(4, 12, 16)

- Ans
- ☒ 1. (81, 36, 9)
  - ☒ 2. (64, 36, 100)
  - ☒ 3. (16, 20, 25)
  - ☒ 4. (36, 25, 49)

Question ID : 98958014264

Status : Answered

Chosen Option : 3

**Q.2** In a code language, STROKE is written as FLPSUT. How would BRIGHT be written in the same code language?

- Ans
- ☒ 1. UIHJSC
  - ☒ 2. CSJHIU
  - ☒ 3. SGFHQA
  - ☒ 4. UJHHCS

Question ID : 98958014255

Status : Answered

Chosen Option : 1

**Q.3** 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.

ba\_d\_cb\_cdb\_ba\_dbc

- Ans
- ☒ 1. cbcad
  - ☒ 2. cbacc
  - ☒ 3. abbdc
  - ☒ 4. bcabc

Question ID : 98958014257

Status : Answered

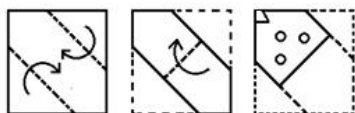
Chosen Option : 2

**Q.4** Three of the four numbers are alike in a certain way and one is different. Pick the odd number out.

- Ans
- ☒ 1. 325
  - ☒ 2. 416
  - ☒ 3. 544
  - ☒ 4. 143

Question ID : 98958014262  
Status : Answered  
Chosen Option : 4

Q.5 A square paper is folded and cut as shown below. How will it appear when unfolded?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 98958014272  
Status : Answered  
Chosen Option : 1

Q.6 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 follows/follow from the statements.

**Statements:**

All knives are instruments.

Some cutters are knives.

**Conclusions:**

- I. Some cutters are instruments.
- II. All knives are cutters.
- III. Some knives are not instruments.

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

Question ID : 98958014259

Status : Answered

Chosen Option : 4

Q.7 Select the term that will come next in the following series.

3, 5, 10, 20, 37, ?

- Ans
- ☒ 1. 58
  - ☒ 2. 61
  - ☒ 3. 69
  - ☒ 4. 63

Question ID : 98958014260

Status : Answered

Chosen Option : 4

Q.8 Arrange the following words in a logical and meaningful order.

1. Probation
2. Promotion
3. Job
4. Interview
5. Confirmation

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

Question ID : 98958014250

Status : Answered

Chosen Option : 4

Q.9 If SMOKE is coded as 81643 and PRANK is coded as 72954, how would you code ROSE?

- Ans
- ☒ 1. 2682
  - ☒ 2. 3276
  - ☒ 3. 9238
  - ☒ 4. 2683

Question ID : 98958014256

Status : Answered

Chosen Option : 4

Q.10

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 : 5

- Ans ☒ 1. 63 : 7  
☒ 2. 135 : 12  
☒ 3. 99 : 10  
☒ 4. 48 : 7

Question ID : 98958014261

Status : Answered

Chosen Option : 1

Q.11 Which of the two signs should be interchanged in the following equation to make the given value correct?

$$15 + 5 - 10 \times 6 \div 12 = 6$$

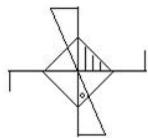
- Ans ☒ 1. + and ÷  
☒ 2. - and ÷  
☒ 3. + and ×  
☒ 4. + and -

Question ID : 98958014265

Status : Answered

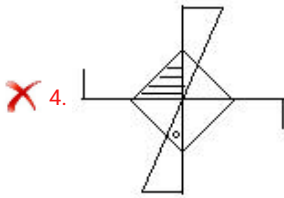
Chosen Option : 2

Q.12 Identify the mirror image of the following figure if the mirror is placed to the right of the figure.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.



✗ 4.

Question ID : 98958014271

Status : Answered

Chosen Option : 2

Q.13 'Study' is related to 'Knowledge' in the same way that 'Work' is related to:

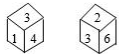
- Ans
- ✗ 1. Salary
  - ✗ 2. Employment
  - ✓ 3. Experience
  - ✗ 4. Training

Question ID : 98958014253

Status : Answered

Chosen Option : 1

Q.14 Two rotated positions of a dice are given below. Which number will be at the top if the number 4 is on the bottom of the dice?



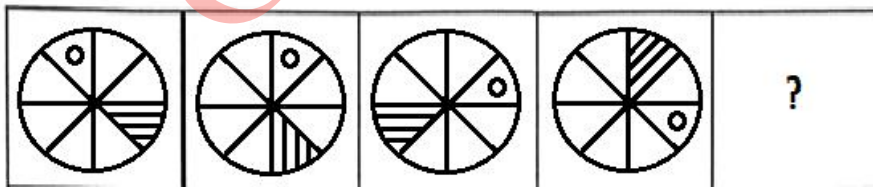
- Ans
- ✗ 1. 6
  - ✓ 2. 2
  - ✗ 3. 1
  - ✗ 4. 4

Question ID : 98958014269

Status : Answered

Chosen Option : 2

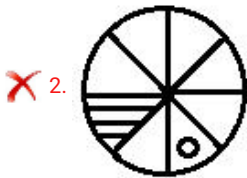
Q.15 Select the figure that will come next in the following figure series.



Ans



✗ 1.



Question ID : 98958014267

Status : Answered

Chosen Option : 3

**Q.16** A contractor planned to finish a work in 12 days and employed a certain number of men. However, 6 of them remained absent from the very first day. The rest could finish the work in 20 days. The number of men originally employed were:

Ans ✓ 1. 15

✗ 2. 18

✗ 3. 20

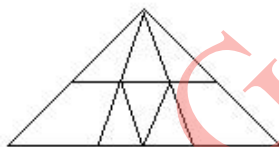
✗ 4. 24

Question ID : 98958014266

Status : Answered

Chosen Option : 1

**Q.17** How many triangles are there in the following figure?



Ans ✗ 1. 14

✗ 2. 13

✗ 3. 17

✓ 4. 15

Question ID : 98958014268

Status : Not Answered

Chosen Option : --

**Q.18** Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans ✗ 1. DEFG

✗ 2. JMPS

✓ 3. WVUS

✗ 4. NPRT

Question ID : 98958014251

Status : Answered

Chosen Option : 3

Q.19 Choose the set of numbers that is similar to the following set.

(8, 28, 6)

Ans ✗ 1. (12, 48, 14)

✗ 2. (17, 70, 13)

✗ 3. (5, 26, 9)

✓ 4. (3, 20, 7)

Question ID : 98958014263

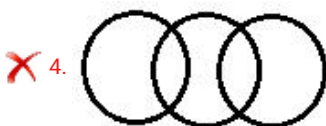
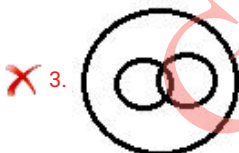
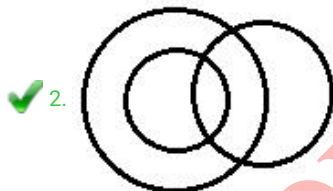
Status : Answered

Chosen Option : 4

Q.20 Choose the Venn diagram that best illustrates the relationship among the following classes:

Crocodiles, Aquatic animals, Reptiles

Ans



Question ID : 98958014273

Status : Answered

Chosen Option : 2

Q.21 In a family of eight persons with two couples, P is the son of Q and brother of R. S is the daughter of M, who is married to R. T is the aunt of S and mother of V. R's nephew W is the son of P and has a sister V. How is V related to M?

Ans ✗ 1. Nephew

✗ 2. Daughter




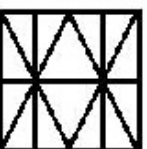


- ✓ 3. Niece  
✗ 4. Cousin sister

Question ID : 98958014258  
Status : Not Answered  
Chosen Option : --

Q.22 Select the figure in which the given figure is embedded.



Ans

- ✗ 1. 
- ✗ 2. 
- ✓ 3. 
- ✗ 4. 

Question ID : 98958014270  
Status : Not Answered  
Chosen Option : --

Q.23 Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.

Grief : Consolation

- Ans ✗ 1. Drought : Famine  
✗ 2. Happiness : Excitation  
✗ 3. Planet : Revolution  
✓ 4. Pain : Sedative

Question ID : 98958014254  
Status : Answered  
Chosen Option : 4

Q.24



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.

FKPV : HIRT :: BHMR : ?

- Ans
- ☒ 1. EEPO
  - ☒ 2. DFKT
  - ☒ 3. DFOP
  - ☒ 4. ZJKT

Question ID : 98958014249  
Status : Answered  
Chosen Option : 3

Q.25 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans
- ☒ 1. Camouflage
  - ☒ 2. Mask
  - ☒ 3. Horde
  - ☒ 4. Conceal

Question ID : 98958014252  
Status : Answered  
Chosen Option : 3

Section : General Awareness

Q.1 In March 2019, India extended a financial grant of \_\_\_\_ Nepalese rupees for the construction of an educational campus in Nepal under the Development Partnership Programme.

- Ans
- ☒ 1. 35.5 million
  - ☒ 2. 55.5 million
  - ☒ 3. 45.5 million
  - ☒ 4. 25.5 million

Question ID : 98958014221  
Status : Not Answered  
Chosen Option : --

Q.2 Which of the following are amongst the few carbon-containing compounds NOT classified as organic ?

- Ans
- ☒ 1. Methane
  - ☒ 2. Nucleic acids
  - ☒ 3. Cyanides
  - ☒ 4. Propane

Question ID : 98958014207  
Status : Answered  
Chosen Option : 3

Q.3 In case of death of the President and the Vice President of India, the \_\_\_\_\_ will act as the President of India.

- Ans
- ☒ 1. Parliament chosen candidate

- ☒ 2. Prime Minister of India
- ☒ 3. Chief Justice of India
- ☒ 4. Attorney General of India

Question ID : 98958014218  
Status : Answered  
Chosen Option : 3

Q.4 In March 2019, Superstats, a new metrics to analyse the game of\_\_\_ was launched by Indian Institute of Technology (IIT) Madras researchers and ESPNcricinfo experts.

- Ans ☒ 1. cricket
- ☒ 2. football
  - ☒ 3. badminton
  - ☒ 4. tennis

Question ID : 98958014220  
Status : Answered  
Chosen Option : 1

Q.5 \_\_\_\_\_was named People for the Ethical Treatment of Animals (PETA) India's Person of the Year for 2018.

- Ans ☒ 1. Yukta Mookhey
- ☒ 2. Sonam Kapoor
  - ☒ 3. Sushmita Sen
  - ☒ 4. Dia Mirza

Question ID : 98958014216  
Status : Answered  
Chosen Option : 2

Q.6 The motto of Special Olympics World Games 2019 was \_\_\_\_\_.

- Ans ☒ 1. "Let me win and prove."
- ☒ 2. "Let me win or lose, it's fine."
  - ☒ 3. "Let me win. But if I cannot win, let me be brave in the attempt."
  - ☒ 4. "Let me win as I am a winner"

Question ID : 98958014219  
Status : Not Answered  
Chosen Option : --

Q.7 Global Business Summit 2019 was held in \_\_\_\_\_.

- Ans ☒ 1. Bengaluru
- ☒ 2. Jamnagar
  - ☒ 3. New Delhi
  - ☒ 4. Mumbai

Question ID : 98958014201  
Status : Not Answered

Chosen Option : --

Q.8 Bihar Diwas is celebrated on \_\_\_\_\_ across the state to commemorate the day when Bihar was carved out of the Bengal Presidency in the year 1912.

- Ans
- ☒ 1. 21st December
  - ☒ 2. 21st January
  - ☒ 3. 22nd February
  - ☒ 4. 22nd March

Question ID : 98958014222

Status : Answered

Chosen Option : 4

Q.9 In which of the following forts of Rajasthan 'chattris' (cenotaphs) are built in honour of Jaimal and Kalla, heroes, who laid down their lives in the 1568 siege by Emperor Akbar?

- Ans
- ☒ 1. Kumbhalgarh Fort
  - ☒ 2. Amer Fort
  - ☒ 3. Chittorgarh Fort
  - ☒ 4. Ranathambhor Fort

Question ID : 98958014200

Status : Not Answered

Chosen Option : --

Q.10 The leader of the Bhakti movement focusing on Lord Rama was \_\_\_\_\_.

- Ans
- ☒ 1. Namdeva
  - ☒ 2. Ramananda
  - ☒ 3. Jaydeva
  - ☒ 4. Vivekanada

Question ID : 98958014211

Status : Not Answered

Chosen Option : --

Q.11 Which is the most populous state according to the 2011 census?

- Ans
- ☒ 1. Uttar Pradesh
  - ☒ 2. Bihar
  - ☒ 3. Maharashtra
  - ☒ 4. Rajasthan

Question ID : 98958014208

Status : Answered

Chosen Option : 1

Q.12 Metal oxides are \_\_\_\_\_ in nature.

- Ans
- ☒ 1. acidic
  - ☒ 2. organic
  - ☒ 3. basic
  - ☒ 4. neutral

Question ID : 98958014205

Status : Answered

Chosen Option : 3

Q.13 The terms 'Jat and Sawar' are related to which of the following administrative systems?

- Ans
- ☒ 1. Zamindari System
  - ☒ 2. Iqtadari System
  - ☒ 3. Mansabdari System
  - ☒ 4. Jotedari System

Question ID : 98958014214

Status : Not Answered

Chosen Option : --

Q.14 In case the President of India wants to resign, he would address his resignation to the \_\_\_\_\_.

- Ans
- ☒ 1. Chief Justice of India
  - ☒ 2. Vice President of India
  - ☒ 3. Chief Election Commissioner of India
  - ☒ 4. Prime Minister of India

Question ID : 98958014217

Status : Answered

Chosen Option : 2

Q.15 The Vivekananda rock Memorial is located in \_\_\_\_\_.

- Ans
- ☒ 1. Andaman
  - ☒ 2. Srinagar
  - ☒ 3. Kanyakumari
  - ☒ 4. Ladakh

Question ID : 98958014199

Status : Answered

Chosen Option : 3

Q.16 Tsunami is caused by \_\_\_\_\_.

- Ans
- ☒ 1. underwater volcanic activity
  - ☒ 2. lower atmospheric pressure
  - ☒ 3. rocks underground suddenly breaking
  - ☒ 4. strong winds driving water onshore

Question ID : 98958014210

Status : Answered

Chosen Option : 1

Q.17 \_\_\_\_\_ was the first Mughal emperor in India.

- Ans
- ☒ 1. Shah Jahan
  - ☒ 2. Humayun

☒ 3. Babur

☐ 4. Akbar

Question ID : 98958014213

Status : Answered

Chosen Option : 3

Q.18 In March 2019, Indian-American television personality and food expert \_\_\_\_\_ was appointed by the United Nations Development Programme as its new Goodwill Ambassador.

Ans ☒ 1. Padma Lakshmi

☐ 2. Priyanka Chopra

☐ 3. Aziz Ansari

☐ 4. Annet Mahendru

Question ID : 98958014215

Status : Not Answered

Chosen Option : --

Q.19 Asian Development Bank (ADB) in its Outlook Supplement has retained India's growth forecast at 7.3% for the current fiscal (2018-19) and \_\_\_\_% for the following financial year (2019-20).

Ans ☐ 1. 8

☐ 2. 8.6

☒ 3. 7.6

☐ 4. 7.9

Question ID : 98958014202

Status : Not Answered

Chosen Option : --

Q.20 What is Marble Cancer?

Ans ☐ 1. Disease in animals due to marble mines

☐ 2. Soil degradation due to marble mines

☐ 3. Cancer in human due to working in mines

☒ 4. Corrosion of marble due to acid rain

Question ID : 98958014203

Status : Answered

Chosen Option : 3

Q.21 Which of the following gases reduces the oxygen carrying capacity of the blood?

Ans ☐ 1. Nitric oxide

☐ 2. Carbon dioxide

☒ 3. Carbon monoxide

☐ 4. Nitrous oxide

Question ID : 98958014204

Status : Answered

Chosen Option : 3

Q.22 Which city in India is the least populated according to the 2011 census?

- Ans ☒ 1. Kapurthala  
☒ 2. Datia  
☒ 3. Nagda  
☒ 4. Banswara

Question ID : 98958014209  
 Status : Not Answered  
 Chosen Option : --

Q.23 Admiral \_\_\_\_\_ assumed command of the Indian Navy on 31 May 2019 as the 24th Chief of the Naval Staff.

- Ans ☒ 1. Bipin Rawat  
☒ 2. Karambir Singh  
☒ 3. Sunil Lanba  
☒ 4. Bimal Verma

Question ID : 98958014223  
 Status : Answered  
 Chosen Option : 2

Q.24 Pollination by birds is called:

- Ans ☒ 1. anemophily  
☒ 2. entomophily  
☒ 3. autogamy  
☒ 4. ornithophily

Question ID : 98958014206  
 Status : Answered  
 Chosen Option : 4

Q.25 The leading light of the Rama cult was saint-poet \_\_\_\_\_ who also wrote the poem 'Ramacharitamanasa'.

- Ans ☒ 1. Chaitanya  
☒ 2. Vallabhacharya  
☒ 3. Tulsidas  
☒ 4. Nimbarka

Question ID : 98958014212  
 Status : Answered  
 Chosen Option : 3

Section : Quantitative Aptitude

Q.1 If  $(x^3 - 2\sqrt{2}y^3) \div (x - \sqrt{2}y) = (Ax^2 + Bxy + Cy^2)$  then,  $(2A + 4\sqrt{2}B - 4C) = ?$

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

Question ID : 98958013285

Status : Answered

Chosen Option : 4

Q.2 If  $x^4 - 6x^2 - 1 = 0$ , then the value of  $x^6 - 5x^2 + \frac{5}{x^2} - \frac{1}{x^6} + 5$  is:

- Ans
- ☒ 1. 219
  - ☒ 2. 209
  - ☒ 3. 204
  - ☒ 4. 239

Question ID : 98958013286

Status : Answered

Chosen Option : 2

Q.3 AB is a diameter of a circle with centre O. CB is a tangent to the circle at B. AC intersects the circle at G. If the radius of the circle is 6 cm and AG = 8 cm, then the length of BC is:

- Ans
- ☒ 1.  $2\sqrt{5}$  cm
  - ☒ 2.  $6\sqrt{6}$  cm
  - ☒ 3.  $2\sqrt{6}$  cm
  - ☒ 4.  $6\sqrt{5}$  cm

Question ID : 98958013289

Status : Answered

Chosen Option : 4

Q.4 The table shows the production of different types of cars (in thousands).

Year					2015	2016
Car	2012	2013	2014			
A	46	48	56	57	64	
B	54	61	63	60	70	
C	44	45	67	63	76	
D	46	49	57	55	72	
E	48	55	64	65	68	

If the data related to the production of type E cars is represented by a pie-chart, then the central angle of the sector representing production of cars in 2013 will be:

- Ans
- ☒ 1.  $66^\circ$
  - ☒ 2.  $76.8^\circ$
  - ☒ 3.  $81.6^\circ$
  - ☒ 4.  $78^\circ$

Question ID : 98958013296

Status : Answered

Chosen Option : 1

Q.5 A dealer buys an article at a discount of 20% on its list price and marks it at 25% above the list price. If he allows a 20% discount on the new list price, then his profit percent is:

- Ans
- ☒ 1. 24
  - ☒ 2. 25



✗ 3. 20

✗ 4. 27

Question ID : 98958013277

Status : Answered

Chosen Option : 2

Q.6 The value of  $\frac{1}{\sec x - \tan x} - \frac{1}{\cos x}$ ,  $0^\circ < x < 90^\circ$ , is equal to:

Ans ✗ 1.  $2\sec x$ ✓ 2.  $\tan x$ ✗ 3.  $2\cos x$ ✗ 4.  $\cot x$ 

Question ID : 98958013294

Status : Answered

Chosen Option : 2

Q.7 If a 10-digit number  $1330x558y2$  is divisible by 88, then the value of  $(x + y)$  is:

Ans ✗ 1. 7

✓ 2. 9

✗ 3. 6

✗ 4. 8

Question ID : 98958013274

Status : Answered

Chosen Option : 3

Q.8 The table shows the production of different types of cars (in thousands).

Year				2015	2016
Car	2012	2013	2014		
A	46	48	56	57	64
B	54	61	63	60	70
C	44	45	67	63	76
D	46	49	57	55	72
E	48	55	64	65	68

The average production of type C cars during 2012 to 2016 is approximately what percent less than the total production of type D cars in 2012 and type E cars in 2014?

Ans ✓ 1. 46.4%

✗ 2. 49.2%

✗ 3. 48.6%

✗ 4. 42.8%

Question ID : 98958013297

Status : Answered

Chosen Option : 2

Q.9 If  $\tan^2 \theta - 3\sec \theta + 3 = 0$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $\sin \theta + \cot \theta$  is:

Ans ✓ 1.  $\frac{5\sqrt{3}}{6}$

☒ 2.  $2\sqrt{3}$

☒ 3.  $\frac{5\sqrt{3}}{3}$

☒ 4.  $3\sqrt{3}$

Question ID : 98958013292

Status : Answered

Chosen Option : 1

**Q.10** Sushma bought 6 tables and 12 chairs for ₹12,000. She sold the tables at a profit of 15% and the chairs at a loss of 10%. If her total gain was ₹300, then the total cost of the tables was:

**Ans** ☒ 1. ₹6,000

☒ 2. ₹5,000

☒ 3. ₹5,400

☒ 4. ₹4,800

Question ID : 98958013279

Status : Answered

Chosen Option : 1

**Q.11** The ratio of the present ages of A and B is 8 : 15. Eight years ago, the ratio of their ages was 6 : 13. What will be the ratio of ages of A and B after 8 years from now?

**Ans** ☒ 1. 5 : 8

☒ 2. 9 : 14

☒ 3. 10 : 17

☒ 4. 5 : 9

Question ID : 98958013280

Status : Answered

Chosen Option : 3

**Q.12** A circle is inscribed in a quadrilateral ABCD touching sides AB, BC, CD and AD at the points P, Q, R and S, respectively. If BP = 4 cm, SD = 6 cm and BC = 7 cm, then the length of DC is:

**Ans** ☒ 1. 8 cm

☒ 2. 9 cm

☒ 3. 10 cm

☒ 4. 7 cm

Question ID : 98958013288

Status : Not Answered

Chosen Option : --

**Q.13** Three numbers are such that if the average of any two of them is added to the third number, the sums obtained are 164, 158 and 132 respectively. What is the average of the original three numbers?

**Ans** ☒ 1.  $75\frac{2}{3}$

☒ 2. 74

☒ 3. 76

✗ 4.  $75\frac{1}{3}$

Question ID : 98958013276

Status : Answered

Chosen Option : 1

**Q.14** The sides AB and AC of a  $\triangle ABC$  are extended to P and Q respectively. If the bisectors of  $\angle PBC$  and  $\angle QCB$  intersect at O, and  $\angle A = 92^\circ$ , then  $\angle BOC$  is equal to:

- Ans
- ✓ 1.  $44^\circ$
  - ✗ 2.  $46^\circ$
  - ✗ 3.  $88^\circ$
  - ✗ 4.  $42^\circ$

Question ID : 98958013290

Status : Answered

Chosen Option : 1

**Q.15** If  $x = 2 - p$ , then  $x^3 + 6xp + p^3$  is equal to:

- Ans
- ✗ 1. 12
  - ✗ 2. 6
  - ✓ 3. 8
  - ✗ 4. 4

Question ID : 98958013287

Status : Answered

Chosen Option : 3

**Q.16** In  $\triangle ABC$ , AD bisects  $\angle A$  and intersects BC at D. If  $BC = a$ ,  $AC = b$  and  $AB = c$ , then  $BD = ?$

- Ans
- ✓ 1.  $\frac{ac}{b+c}$
  - ✗ 2.  $\frac{bc}{c+a}$
  - ✗ 3.  $\frac{ca}{a+b}$
  - ✗ 4.  $\frac{ab}{b+c}$

Question ID : 98958013291

Status : Answered

Chosen Option : 1

**Q.17** The ratio of the efficiencies of A, B and C is 7 : 5 : 8. Working together, they can complete a piece of work in 42 days. B and C worked together for 21 days and the remaining work was completed by A alone. The whole work was completed in:

- Ans
- ✗ 1. 96 days
  - ✗ 2. 99 days
  - ✓ 3. 102 days
  - ✗ 4. 93 days

Question ID : 98958013282

Status : Answered

Chosen Option : 3

**Q.18** A is 20% less than B and C is 30% more than D. If D is 25% less than A, then which of the following is true?

- Ans
- ☒ 1.  $B = 0.39C$
  - ☒ 2.  $C = 0.78B$
  - ☒ 3.  $B = 0.78C$
  - ☒ 4.  $C = 0.39B$

Question ID : 98958013278

Status : Answered

Chosen Option : 2

**Q.19** If  $\cot \theta = \sqrt{7}$ , then the value of  $\frac{\operatorname{cosec}^2 \theta - \sec^2 \theta}{\operatorname{cosec}^2 \theta + \sec^2 \theta}$  is:

- Ans
- ☒ 1.  $\frac{3}{4}$
  - ☒ 2.  $\frac{2}{3}$
  - ☒ 3.  $\frac{8}{9}$
  - ☒ 4.  $\frac{7}{9}$

Question ID : 98958013293

Status : Answered

Chosen Option : 1

**Q.20** A sector is cutout from a circle of diameter 42 cm. If the angle of the sector is  $150^\circ$ , then its area (in  $\text{cm}^2$ ) is:

(Take  $\pi = \frac{22}{7}$ )

- Ans
- ☒ 1. 564
  - ☒ 2. 574
  - ☒ 3. 580.6
  - ☒ 4. 577.5

Question ID : 98958013284

Status : Answered

Chosen Option : 4

**Q.21** A boat can cover a distance of 7.2 km downstream and 3.2 km upstream in 2 hours. It can also cover 1.5 km downstream and 0.6 km upstream in 24 minutes. What is the speed of the boat when going downstream (in km/h)?

- Ans
- ☒ 1. 6
  - ☒ 2.  $4\frac{1}{2}$
  - ☒ 3. 5
  - ☒ 4.  $7\frac{1}{2}$

Question ID : 98958013283

Status : **Answered**

Chosen Option : 1

**Q.22** A sum amounts to ₹18,600 after 3 years and to ₹27,900 after 6 years, at a certain rate percent p.a., when the interest is compounded annually. The sum is:

- Ans
- ☒ 1. ₹11,800
  - ☒ 2. ₹12,400
  - ☒ 3. ₹14,400
  - ☒ 4. ₹14,600

Question ID : **98958013281**Status : **Answered**

Chosen Option : 2

**Q.23** The value of  $\frac{8}{9}$  of  $\left(5\frac{1}{4} \div 2\frac{1}{3} \text{ of } 4\right) \div \left(8 \div \frac{2}{3} \text{ of } \frac{4}{5}\right)$  of  $\left(8 \times \frac{2}{3} \div \frac{4}{5}\right)$  is:

- Ans
- ☒ 1.  $1\frac{1}{8}$
  - ☒ 2.  $\frac{4}{15}$
  - ☒ 3.  $\frac{1}{200}$
  - ☒ 4.  $\frac{1}{100}$

Question ID : **98958013275**Status : **Answered**

Chosen Option : 3

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

Year \ Car	2012	2013	2014	2015	2016
A	46	48	56	57	64
B	54	61	63	60	70
C	44	45	67	63	76
D	46	49	57	55	72
E	48	55	64	65	68

The total production of type E cars in 2015 and type C cars in 2013 taken together is what percent of the total production of type A cars and type D cars taken together during 2012 to 2016?

- Ans
- ☒ 1. 21.8%
  - ☒ 2. 21.4%
  - ☒ 3. 20%
  - ☒ 4. 22%

Question ID : **98958013298**Status : **Not Answered**

Chosen Option : --

**Q.25**

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

Year				2015	2016
Car	2012	2013	2014		
A	46	48	56	57	64
B	54	61	63	60	70
C	44	45	67	63	76
D	46	49	57	55	72
E	48	55	64	65	68

The ratio of the total production of type A cars in 2014 and 2016 and type C cars in 2013 taken together to the total production of type B cars and type D cars taken together in 2014 is:

- Ans  1. 11 : 8
-  2. 17 : 12
-  3. 9 : 8
-  4. 4 : 3

Question ID : 98958013295



Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the antonym of the given word.

STALE

- Ans  1. flat
-  2. fresh
-  3. dry
-  4. sour

Question ID : 98958012580

Status : Answered

Chosen Option : 2

Q.2 Select the wrongly spelt word.

- Ans  1. definat
-  2. define
-  3. deform
-  4. deflate





Question ID : 98958012586

Status : Answered

Chosen Option : 4

Q.3 Select the antonym of the given word.

DENSE

- Ans  1. sparse
-  2. thick
-  3. condensed
-  4. opaque

Question ID : 98958012581

Status : Answered

Chosen Option : 1

Q.4 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. The move follows last week's fatal Ethiopian Airlines crash.
- B. Aircraft manufacturer Boeing has grounded the entire global fleet of its 737 Max aircraft.
- C. Last October, a plane from the Indonesia-based carrier Lion Air had also crashed under similar circumstances.
- D. That was the second time in five months a 737 Max has crashed.

- Ans
- ☒ 1. ABCD
  - ☒ 2. BCDA
  - ☒ 3. BADC
  - ☒ 4. DABC

Question ID : 98958012577

Status : Answered

Chosen Option : 3

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

An arrangement of flowers that is usually given as a present

- Ans
- ☒ 1. bouquet
  - ☒ 2. wreath
  - ☒ 3. garland
  - ☒ 4. bundle

Question ID : 98958012584

Status : Answered

Chosen Option : 1

Q.6 Select the word which means the same as the group of words given.

A large, deep, metal pot used for cooking over open fire

- Ans
- ☒ 1. barrel
  - ☒ 2. kettle
  - ☒ 3. skillet
  - ☒ 4. cauldron

Question ID : 98958012585

Status : Not Answered

Chosen Option : --

Q.7 Select the correct active form of the given sentence.

One of the passengers was being thoroughly checked by the custom officers.

- Ans
- ☒ 1. The custom officers have been thoroughly checking one of the passengers.
  - ☒ 2. The custom officers thoroughly checked one of the passengers.
  - ☒ 3. One of the passengers was thoroughly checking the custom officers.
  - ☒ 4. The custom officers were thoroughly checking one of the passengers.



Question ID : 98958012567

Status : Answered

Chosen Option : 4

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

He came late, wasn't it?

- Ans
- ☒ 1. didn't he
  - ☐ 2. did he
  - ☐ 3. No improvement
  - ☐ 4. isn't it

Question ID : 98958012568

Status : Answered

Chosen Option : 1

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Each dancer performed very well that it was difficult to judge who the best was.

- Ans
- ☐ 1. such well that
  - ☒ 2. so well that
  - ☐ 3. No improvement
  - ☐ 4. such very well that

Question ID : 98958012569

Status : Answered

Chosen Option : 2

Q.10 In the sentence identify the segment which contains the grammatical error.

She forgot lock the door when she went out in a hurry.

- Ans
- ☐ 1. in a hurry
  - ☒ 2. She forgot lock
  - ☐ 3. the door when
  - ☐ 4. she went out

Question ID : 98958012564

Status : Answered

Chosen Option : 2

Q.11 Select the most appropriate word to fill in the blank.

In the wake of the recent cross-border tensions, forces have been \_\_\_\_\_ at strategic locations for immediate action, if required.

- Ans
- ☐ 1. departed
  - ☒ 2. deployed
  - ☐ 3. deposited
  - ☐ 4. deported

Question ID : 98958012589

Status : Answered

Chosen Option : 2

Q.12 Select the most appropriate meaning of the given idiom.

in the pink

- Ans
- ☒ 1. in pink dress
  - ☒ 2. in the limelight
  - ☒ 3. in a happy mood
  - ☒ 4. in good health

Question ID : 98958012582

Status : Answered

Chosen Option : 4

Q.13 Select the synonym of the given word.

LETHAL

- Ans
- ☒ 1. harmless
  - ☒ 2. healthy
  - ☒ 3. fatal
  - ☒ 4. strong

Question ID : 98958012579

Status : Answered

Chosen Option : 3

Q.14 Select the correct passive form of the given sentence.

Please take these students round the biscuit factory.

- Ans
- ☒ 1. These students should be taking round the biscuit factory.
  - ☒ 2. You are requested to take these students round the biscuit factory.
  - ☒ 3. Let these students to be taken round the biscuit factory.
  - ☒ 4. You must take these students round the biscuit factory.

Question ID : 98958012566

Status : Answered

Chosen Option : 2

Q.15 Select the synonym of the given word.

PREVALENT

- Ans
- ☒ 1. unusual
  - ☒ 2. common
  - ☒ 3. rare
  - ☒ 4. different

Question ID : 98958012578

Status : Not Answered

Chosen Option : --

Q.16 Given below are four jumbled sentences. Select the option that gives their correct order.

A. However, new research shows that taking the dog for a walk can have its downsides for

seniors.

B. Dogs are great companions and provide a healthy excuse to go for a walk and get a bit of exercise.

C. It once seemed common sense to believe that having and walking a dog was good for older people.

D. A report published in an American medical journal says injuries among seniors related to dog-walking are becoming increasingly prevalent.

- Ans
- ☒ 1. ABCD
  - ☒ 2. CBAD
  - ☐ 3. CABD
  - ☐ 4. ADCB

Question ID : 98958012576

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate word to fill in the blank.

Talgo, a Spanish company is one of the major \_\_\_\_\_ of intercity, standard, and high speed passenger trains.

- Ans
- ☒ 1. manufacturers
  - ☐ 2. creators
  - ☐ 3. builders
  - ☐ 4. constructors

Question ID : 98958012588

Status : Answered

Chosen Option : 1

Q.18 Select the most appropriate meaning of the given idiom.

Lock, stock and barrel

- Ans
- ☐ 1. immediately
  - ☐ 2. partly
  - ☐ 3. rarely
  - ☒ 4. completely

Question ID : 98958012583

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.

The political condition of India in the eighteenth century was one of extreme disunity.

(1)\_\_\_\_\_ the decline of the Mughal empire, no (2)\_\_\_\_\_ Indian power emerged to take its (3)\_\_\_\_\_ in strength and prestige and to unite the (4)\_\_\_\_\_ under a central authority. The Marathas who rose (5)\_\_\_\_\_ the position of pre-eminence among the new Indian states did not prove capable of fulfilling that task.

**SubQuestion No : 19**

Q.19 Select the most appropriate option for blank No. 1.

- Ans
- ☒ 1. With
  - ☐ 2. In
  - ☐ 3. When

 4. On

Question ID : 98958012571

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.

The political condition of India in the eighteenth century was one of extreme disunity.

(1)\_\_\_\_\_ the decline of the Mughal empire, no (2)\_\_\_\_\_ Indian power emerged to take its (3)\_\_\_\_\_ in strength and prestige and to unite the (4)\_\_\_\_\_ under a central authority. The Marathas who rose (5)\_\_\_\_\_ the position of pre-eminence among the new Indian states did not prove capable of fulfilling that task.

**SubQuestion No : 20**

**Q.20 Select the most appropriate option for blank No. 2.**

- Ans
-  1. one
  -  2. another
  -  3. other
  -  4. more

Question ID : 98958012572

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.

The political condition of India in the eighteenth century was one of extreme disunity.

(1)\_\_\_\_\_ the decline of the Mughal empire, no (2)\_\_\_\_\_ Indian power emerged to take its (3)\_\_\_\_\_ in strength and prestige and to unite the (4)\_\_\_\_\_ under a central authority. The Marathas who rose (5)\_\_\_\_\_ the position of pre-eminence among the new Indian states did not prove capable of fulfilling that task.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option for blank No. 3.**

- Ans
-  1. niche
  -  2. place
  -  3. role
  -  4. seat

Question ID : 98958012573

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.

The political condition of India in the eighteenth century was one of extreme disunity.

(1)\_\_\_\_\_ the decline of the Mughal empire, no (2)\_\_\_\_\_ Indian power emerged to take its (3)\_\_\_\_\_ in strength and prestige and to unite the (4)\_\_\_\_\_ under a central authority. The Marathas who rose (5)\_\_\_\_\_ the position of pre-eminence among the new Indian states did not prove capable of fulfilling that task.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option for blank No. 4.**

- Ans
- ☒ 1. region
  - ☒ 2. territory
  - ☒ 3. country
  - ☒ 4. state

Question ID : 98958012574

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.

The political condition of India in the eighteenth century was one of extreme disunity.

(1)\_\_\_\_\_ the decline of the Mughal empire, no (2)\_\_\_\_\_ Indian power emerged to take its (3)\_\_\_\_\_ in strength and prestige and to unite the (4)\_\_\_\_\_ under a central authority. The Marathas who rose (5)\_\_\_\_\_ the position of pre-eminence among the new Indian states did not prove capable of fulfilling that task.

SubQuestion No : 23

Q.23 Select the most appropriate option for blank No. 5.

- Ans
- ☒ 1. to
  - ☒ 2. at
  - ☒ 3. on
  - ☒ 4. over

Question ID : 98958012575

Status : Answered

Chosen Option : 1

Q.24 Select the wrongly spelt word.

- Ans
- ☒ 1. notification
  - ☒ 2. necessity
  - ☒ 3. negociation
  - ☒ 4. negligence

Question ID : 98958012587

Status : Answered

Chosen Option : 2

Q.25 In the sentence identify the segment which contains the grammatical error.

Lodi Colony in Delhi is very different from other places in the city that is crowded and noisy.

- Ans
- ☒ 1. is very different
  - ☒ 2. from other places
  - ☒ 3. in the city
  - ☒ 4. that is crowded and noisy

Question ID : 98958012565

Status : Answered

Chosen Option : 4