

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

|               |                                       |
|---------------|---------------------------------------|
| Roll No.      | WWW.QMATHS.IN                         |
| WWW.QMATHS.IN |                                       |
| Name          | WWW.QMATHS.IN                         |
| Test Venue    | Console Management Consultant PVT Ltd |
| Test Time     | 1:00 PM - 2:00 PM                     |
| Test Date     | 04/06/2019                            |

Section : General Intelligence and Reasoning

Q.1 Which two signs should be interchanged in the following equation to make it correct?

$$18 + 6 - 6 \div 3 \times 3 = 6$$

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

Question ID : 98958013028

Status : Answered

Chosen Option : 2

Q.2 Arrange the following words in a logical and meaningful order.

1. Medicine
2. Diagnosis
3. Prescription
4. Illness
5. Recovery
6. Doctor

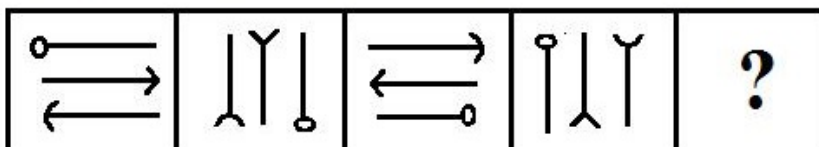
- Ans
- ☒ 1. 4, 6, 2, 3, 1, 5
  - ☒ 2. 4, 6, 1, 3, 2, 5
  - ☒ 3. 2, 6, 4, 1, 3, 5
  - ☒ 4. 4, 6, 3, 2, 1, 5

Question ID : 98958013013

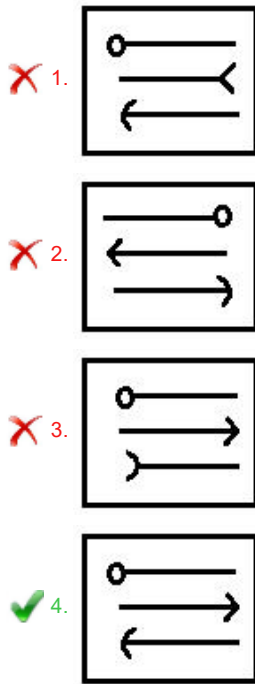
Status : Answered

Chosen Option : 1

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



Ans



Question ID : 98958013030  
Status : Answered  
Chosen Option : 2

**Q.4** Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

- Ans ✗ 1. 12  
✓ 2. 14  
✗ 3. 56  
✗ 4. 30

Question ID : 98958013025  
Status : Answered  
Chosen Option : 2

**Q.5** If BACK is coded as 11312 and CAKE is coded as 51113, then how will MADE be coded as?

- Ans ✗ 1. 51413  
✓ 2. 54113  
✗ 3. 31145  
✗ 4. 13145

Question ID : 98958013019  
Status : Answered  
Chosen Option : 1

**Q.6** Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

4 : 32

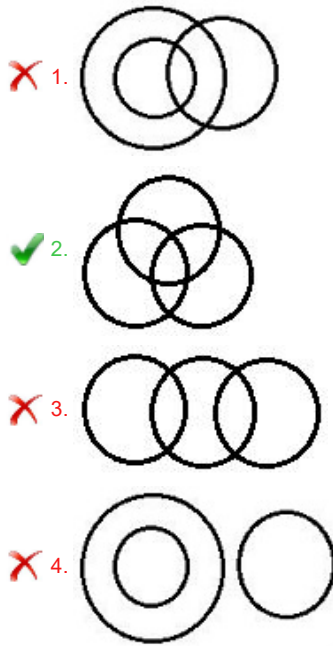
- Ans ✗ 1. 8 : 248  
✗ 2. 5 : 62  
✗ 3. 10 : 160  
✓ 4. 6 : 108

Question ID : 98958013024  
Status : Answered  
Chosen Option : 3

**Q.7** Select the Venn diagram that best illustrates the relationship between the following classes.

Parents, Rich Persons, Farmers

Ans



Question ID : 98958013036

Status : Answered

Chosen Option : 3

**Q.8** In a code language, TEMPLE is written as DKOLDS. How will WORSHIP be written as in that language?

- Ans
1. OHGRQNV
2. VNQGHOR
3. QJITSPX
4. OGHQRVN

Question ID : 98958013018

Status : Answered

Chosen Option : 1

**Q.9** P is the father of Q and the grandfather of R, who is the brother of S. S's mother, T, is married to V. T is the sister of Q. How is V related to P?

- Ans
1. Nephew
2. Brother-in-law
3. Son
4. Son-in-law

Question ID : 98958013021

Status : Answered

Chosen Option : 4

**Q.10** Which number will replace the question mark (?) in the following series?

2, 5, 11, 23, 44, ?

- Ans
1. 77
2. 51
3. 63

✗ 4. 66

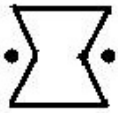
Question ID : 98958013023  
Status : Answered  
Chosen Option : 1

Q.11 'Action' is related to 'Reaction' in the same way as 'Stimulus' is related to '\_\_\_\_\_'.  
 Ans

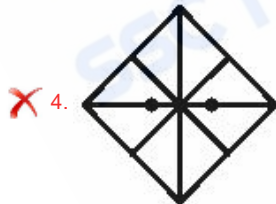
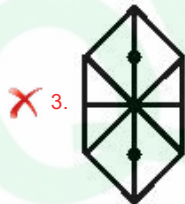
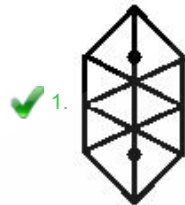
- ✗ 1. Reception
- ✗ 2. Vision
- ✓ 3. Response
- ✗ 4. Feedback

Question ID : 98958013016  
Status : Answered  
Chosen Option : 3

Q.12 Select the option in which the given figure is embedded.

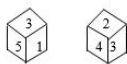


Ans



Question ID : 98958013033  
Status : Answered  
Chosen Option : 1

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



Ans

- ✗ 1. 1
- ✓ 2. 3
- ✗ 3. 2

✗ 4. 4

Question ID : 98958013032  
 Status : Answered  
 Chosen Option : 2

**Q.14** Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one out.

- Ans
- ✗ 1. DGEF
  - ✓ 2. HNLJ
  - ✗ 3. TWUV
  - ✗ 4. MSOQ

Question ID : 98958013014  
 Status : Answered  
 Chosen Option : 2

**Q.15** Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

ac\_d\_b\_cbdd\_a\_bddb

- Ans
- ✓ 1. bdabc
  - ✗ 2. bdbca
  - ✗ 3. bdcab
  - ✗ 4. cbdbc

Question ID : 98958013020  
 Status : Answered  
 Chosen Option : 1

**Q.16** 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 cars are vehicles.  
 No vehicle is a four-wheeler.

**Conclusions:**

- I. No car is a four-wheeler.
- II. All four-wheelers are cars.
- III. Some vehicles are cars.

- Ans
- ✗ 1. Only conclusions I and II follow
  - ✗ 2. All conclusions follow
  - ✓ 3. Only conclusion III follows
  - ✗ 4. Only conclusion I follows

Question ID : 98958013022  
 Status : Answered  
 Chosen Option : 3

**Q.17** 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.

BECD : YVXW :: DGEF : ?

- Ans
- ✗ 1. VRTS
  - ✓ 2. WTVU
  - ✗ 3. WUTV
  - ✗ 4. XUWV



Question ID : 98958013012  
Status : Answered  
Chosen Option : 2

Q.18 Select the set in which the numbers are related in the same way as are the numbers of the following set.  
(7, 13, 21)

- Ans
- ☒ 1. (12, 18, 25)
  - ☒ 2. (17, 22, 30)
  - ☒ 3. (9, 16, 25)
  - ☒ 4. (2, 8, 16)

Question ID : 98958013026  
Status : Answered  
Chosen Option : 4

Q.19 निम्नलिखित चार शब्दों में से तीन शब्द किसी प्रकार से एकसमान हैं और एक शब्द असमान है। असमान शब्द का चयन कीजिए।

- Ans
- ☒ 1. प्रवृत्ति
  - ☒ 2. दृढ़ता
  - ☒ 3. धीरज
  - ☒ 4. स्थिरता

Question ID : 98958013015  
Status : Answered  
Chosen Option : 2

Q.20 How many triangles are there in the following figure?



- Ans
- ☒ 1. 14
  - ☒ 2. 18
  - ☒ 3. 20
  - ☒ 4. 16

Question ID : 98958013031  
Status : Answered  
Chosen Option : 4

Q.21 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Ans



✗ 2.



✓ 3.



✗ 4.

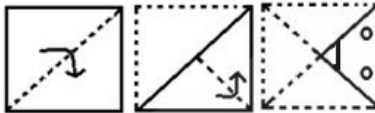


Question ID : 98958013034

Status : Answered

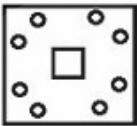
Chosen Option : 3

Q.22 A paper is folded and cut as shown below. How will it appear when unfolded?

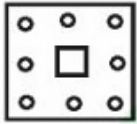


Ans

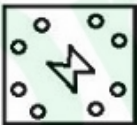
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 98958013035

Status : Answered

Chosen Option : 1

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

Heat : Sun

Ans

✗ 1.

Home : Terrace

✗ 2.

Ride : Car

✗ 3.

Atmosphere : Humidity

✓ 4.

Vitamin : Fruit

Question ID : 98958013017

Status : Answered

Chosen Option : 4

**Q.24** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(10, 18, 38)

- Ans
- ☒ 1. (4, 12, 22)
  - ☒ 2. (14, 12, 8)
  - ☒ 3. (12, 22, 46)
  - ☒ 4. (18, 6, 14)

Question ID : 98958013027  
Status : Answered  
Chosen Option : 3

**Q.25** 10 years ago, a father's age was  $3\frac{1}{2}$  times that of his son, and 10 years from now, the father's age will be  $2\frac{1}{4}$  times that of the son. What will be the sum of the ages of the father and the son at present?

- Ans
- ☒ 1. 100 years
  - ☒ 2. 110 years
  - ☒ 3. 115 years
  - ☒ 4. 120 years

Question ID : 98958013029  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Section : General Awareness

**Q.1** Which of the following Biosphere Reserves was the first to be established by the Government of India?

- Ans
- ☒ 1. Gulf of Mannar Biosphere Reserve
  - ☒ 2. Nilgiri Biosphere Reserve
  - ☒ 3. Nanda Devi Biosphere Reserve
  - ☒ 4. Sundarbans Biosphere Reserve

Question ID : 98958014109  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.2** \_\_\_\_ is a group folk dance of Sikkim performed in honour of Mount Khangchendzonga, the guardian deity of the Sikkimese people.

- Ans
- ☒ 1. Zo-Mal-Lok
  - ☒ 2. Tendong Lo Rum Faat
  - ☒ 3. Chu-Faat
  - ☒ 4. Kinchum-Chu-Bomsa

Question ID : 98958014099  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.3** The idea of residual powers in Indian constitution has been taken from the constitution of:

- Ans
- ☒ 1. South Africa
  - ☒ 2. Canada



- ☒ 3. Japan  
☒ 4. USA

Question ID : 98958014117  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.4 Name the pass in Uttarakhand which is used by pilgrims to Kailash-Mansarovar Yatra.**

- Ans ☒ 1. Pensi La  
☒ 2. Lipu Lekh  
☒ 3. Banihal Pass  
☒ 4. Khardung La

Question ID : 98958014110  
Status : Not Answered  
Chosen Option : --

**Q.5 Buckminsterfullerene is an allotrope of:**

- Ans ☒ 1. Boron  
☒ 2. Iron  
☒ 3. Phosphorus  
☒ 4. Carbon

Question ID : 98958014105  
Status : Not Answered  
Chosen Option : --

**Q.6 Name the first ever female prime minister in the world.**

- Ans ☒ 1. Indira Gandhi  
☒ 2. Sirimavo Bandaranaike  
☒ 3. Golda Meir  
☒ 4. Elisabeth Domitien

Question ID : 98958014116  
Status : Answered  
Chosen Option : 2

**Q.7 Which panel set up by the Government of India suggested total decontrol of the sugar industry?**

- Ans ☒ 1. RamSevak Panel  
☒ 2. Rangarajan Panel  
☒ 3. RadheShyam Panel  
☒ 4. Sri Krishna Panel

Question ID : 98958014101  
Status : Not Answered  
Chosen Option : --

**Q.8 In India, the Project Tiger was started in \_\_\_\_.**

- Ans ☒ 1. 1979  
☒ 2. 1973  
☒ 3. 1992  
☒ 4. 1982

Question ID : 98958014108  
Status : Not Answered  
Chosen Option : --

Q.9 Who was the first ever female secretary general of SAARC (South Asian Association for Regional Cooperation)?

- Ans
- ☒ 1. António Guterres
  - ☒ 2. Fathimath Dhiyana Saeed
  - ☒ 3. Jeremiah Nyamane Kingsley
  - ☒ 4. Madeleine Albright

Question ID : 98958014115  
Status : Not Answered  
Chosen Option : --

Q.10 Which of the following states passed the Maintenance of Household Registers Bill in March 2019?

- Ans
- ☒ 1. Assam
  - ☒ 2. Mizoram
  - ☒ 3. West Bengal
  - ☒ 4. Odisha

Question ID : 98958014123  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.11 Which of the following Public Sector Undertakings was accorded the Maharatna status in February 2013?

- Ans
- ☒ 1. BHEL
  - ☒ 2. ONGC
  - ☒ 3. OIL
  - ☒ 4. CIL

Question ID : 98958014102  
Status : Answered  
Chosen Option : 2

Q.12 \_\_\_\_ is the traditional musical instrument of the Limboo community of Sikkim.

- Ans
- ☒ 1. Chyap-Brung
  - ☒ 2. Jeurum Silly
  - ☒ 3. Naumati
  - ☒ 4. Chutkay

Question ID : 98958014100  
Status : Not Answered  
Chosen Option : --

Q.13 How many great powers (Mahajanpadas) existed in the 7th and early 6th centuries BC, during the life time of Lord Gautam Buddha?

- Ans
- ☒ 1. 16
  - ☒ 2. 13
  - ☒ 3. 11
  - ☒ 4. 17

Question ID : 98958014111  
Status : Answered  
Chosen Option : 1

Q.14 Which of the following has a strong fruity fragrance?

- Ans
- ☒ 1. Methyl chloride
  - ☒ 2. Methanoic acid
  - ☒ 3. Methanol
  - ☒ 4. Ethyl acetate

Question ID : 98958014104  
Status : Not Answered  
Chosen Option : --

Q.15 Name the gland that controls the functioning of other endocrine glands.

- Ans
- ☒ 1. Pancreas
  - ☒ 2. Pituitary gland
  - ☒ 3. Rineal gland
  - ☒ 4. Adrenal gland

Question ID : 98958014107  
Status : Answered  
Chosen Option : 2

Q.16 Which team won the Ranji Trophy final 2017?

- Ans
- ☒ 1. Punjab
  - ☒ 2. Mumbai
  - ☒ 3. Vidarbha
  - ☒ 4. Delhi

Question ID : 98958014122  
Status : Answered  
Chosen Option : 3

Q.17 Name the first Indian budget carrier to join the International Air Transport Association (IATA).

- Ans
- ☒ 1. Indigo
  - ☒ 2. SpiceJet
  - ☒ 3. GoAir
  - ☒ 4. Jet Airways

Question ID : 98958014121  
Status : Not Answered  
Chosen Option : --

Q.18 Which of the following is an aldehyde?

- Ans
- ☒ 1. Propanal
  - ☒ 2. Propanol
  - ☒ 3. Propanone
  - ☒ 4. Propine

Question ID : 98958014106  
Status : Not Answered  
Chosen Option : --

Q.19 In March 2019, social media platforms and the Internet and Mobile Association of India (IAMAI) presented a \_\_\_\_\_ for the General Election 2019 to the Election Commission of India.

- Ans
- ☐ 1. Centre of Voting List
  - ☐ 2. Detailed To Do List
  - ☐ 3. Precautionary Code
  - ☒ 4. Voluntary Code of Ethics

Question ID : 98958014120  
Status : Answered  
Chosen Option : 2

Q.20 Who was the founder of the Chalukya dynasty ?

- Ans
- ☐ 1. Narasimhavarman
  - ☐ 2. Mangalesa
  - ☐ 3. Kirtivarman
  - ☒ 4. Pulakesin I

Question ID : 98958014114  
Status : Answered  
Chosen Option : 3

Q.21 Which of the following Articles of the Constitution of India deals with the Uniform Civil Code?

- Ans
- ☐ 1. Article 43
  - ☒ 2. Article 44
  - ☐ 3. Article 45
  - ☐ 4. Article 46

Question ID : 98958014118  
Status : Not Answered  
Chosen Option : --

Q.22 The Special Olympics World Games 2019 was inaugurated at \_\_\_\_\_.

- Ans
- ☐ 1. Austria
  - ☐ 2. Germany
  - ☐ 3. Sweden
  - ☒ 4. Abu Dhabi

Question ID : 98958014119  
Status : Not Answered  
Chosen Option : --

Q.23 Which of the following is the first working prototype of Internet?

- Ans
- ☐ 1. APNET
  - ☐ 2. ANET
  - ☐ 3. PANET
  - ☒ 4. ARPANET

Question ID : 98958014103  
Status : Not Answered  
Chosen Option : --

Q.24 Which of the following is NOT one of the monarchical states that existed in the 7th and

early 6th centuries BC in India?

- Ans
- ☒ 1. Magadha
  - ☒ 2. Vaishali
  - ☒ 3. Avanti
  - ☒ 4. Kosala

Question ID : 98958014112  
Status : Not Answered  
Chosen Option : --

Q.25 Name the state Chandragupta-I got in dowry from the Lichhavis.

- Ans
- ☒ 1. Ujjain
  - ☒ 2. Pataliputra
  - ☒ 3. Prayaga
  - ☒ 4. Saketa

Question ID : 98958014113  
Status : Not Answered  
Chosen Option : --

Section : Quantitative Aptitude

Q.1 If the 8-digit number  $789x531y$  is divisible by 72, then the value of  $(5x - 3y)$  is:

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

Question ID : 98958013137  
Status : Not Answered  
Chosen Option : --

Q.2 The income of Raju is 20% more than his expenditure. If his income increases by 60% and his expenditure increases by 70%, then by what percent does his savings increase/decrease?

- Ans
- ☒ 1. It decreases by 10%
  - ☒ 2. It decreases by 2%
  - ☒ 3. It increases by 10%
  - ☒ 4. It increases by 2%

Question ID : 98958013141  
Status : Answered  
Chosen Option : 1

Q.3 A triangle ABC is inscribed in a circle with centre O. AO is produced to meet the circle at K and  $AD \perp BC$ . If  $\angle B = 80^\circ$  and  $\angle C = 64^\circ$ , then the measure of  $\angle DAK$  is:

- Ans
- ☒ 1.  $10^\circ$
  - ☒ 2.  $16^\circ$
  - ☒ 3.  $12^\circ$
  - ☒ 4.  $20^\circ$

Question ID : 98958013152  
Status : Not Answered  
Chosen Option : --



Q.4 If  $\cos\theta = 2p/(1+p^2)$ , then  $\tan\theta$  is equal to:

Ans

- ☒ 1.  $\frac{p^2}{1+p^2}$   
☒ 2.  $\frac{2p}{1-p^2}$   
☒ 3.  $\frac{1-p^2}{1+p^2}$   
☒ 4.  $\frac{1-p^2}{2p}$

Question ID : 98958013156

Status : Answered

Chosen Option : 4

Q.5 The table shows the production of different types of cars (in thousands).

| Year<br>Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|--------------|------|------|------|------|------|
| A            | 35   | 40   | 48   | 50   | 36   |
| B            | 39   | 45   | 54   | 60   | 72   |
| C            | 52   | 25   | 32   | 54   | 45   |
| D            | 50   | 42   | 45   | 46   | 47   |
| E            | 36   | 46   | 42   | 48   | 55   |

If the data regarding the production of cars of type B is represented by a pie-chart, then the angle of the sector representing the production of cars in 2016 will be:

Ans

- ☒ 1.  $80^\circ$   
☒ 2.  $96^\circ$   
☒ 3.  $60^\circ$   
☒ 4.  $72^\circ$

Question ID : 98958013161

Status : Answered

Chosen Option : 1

Q.6 The table shows the production of different types of cars (in thousands).

| Year<br>Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|--------------|------|------|------|------|------|
| A            | 35   | 40   | 48   | 50   | 36   |
| B            | 39   | 45   | 54   | 60   | 72   |
| C            | 52   | 25   | 32   | 54   | 45   |
| D            | 50   | 42   | 45   | 46   | 47   |
| E            | 36   | 46   | 42   | 48   | 55   |

The total production of cars of type B in 2013, 2014, 2015 and 2017 taken together is what percent less than the total production of all types of cars in 2017? (Correct to one decimal place)

Ans

- ☒ 1. 18.2  
☒ 2. 18.4  
☒ 3. 15.8  
☒ 4. 17.6

Question ID : 98958013160

Status : Answered

Chosen Option : 4

Q.7 If  $0^\circ < \theta < 90^\circ$  and  $\cos^2\theta = 3(\cot^2\theta - \cos^2\theta)$  then the value of  $\left(\frac{1}{2}\sec\theta + \sin\theta\right)^{-1}$  is:

Ans

- ☒ 1.  $\sqrt{3} + 2$   
☒ 2.  $2(2 - \sqrt{3})$   
☒ 3.  $2(\sqrt{3} - 1)$

✗ 4.  $\sqrt{3} + 1$

Question ID : 98958013155  
Status : Not Answered  
Chosen Option : --

Q.8 If  $16x^2 + 9y^2 + 4z^2 = 24(x - y + z) - 61$ , then the value of  $(xy + 2z)$  is:

- Ans
- ✗ 1. 1
  - ✗ 2. 2
  - ✗ 3. 3
  - ✓ 4. 5

Question ID : 98958013149  
Status : Not Answered  
Chosen Option : --

Q.9 If  $x + y + z = 19$ ,  $xy + yz + zx = 114$ , then the value of  $\sqrt{x^3 + y^3 + z^3 - 3xyz}$  is:

- Ans
- ✗ 1. 21
  - ✗ 2. 17
  - ✓ 3. 19
  - ✗ 4. 13

Question ID : 98958013150  
Status : Answered  
Chosen Option : 3

Q.10 In  $\triangle ABC$ ,  $AD \perp BC$  and  $BE \perp AC$ .  $AD$  and  $BE$  intersect each other at  $F$ . If  $BF = AC$ , then the measure of  $\angle ABC$  is:

- Ans
- ✓ 1.  $45^\circ$
  - ✗ 2.  $60^\circ$
  - ✗ 3.  $70^\circ$
  - ✗ 4.  $50^\circ$

Question ID : 98958013153  
Status : Answered  
Chosen Option : 2


Q.11 Two circles of radii 10 cm and 8 cm intersect at the points  $P$  and  $Q$ . If  $PQ = 12$  cm, and the distance between the centres of the circles is  $x$  cm. The value of  $x$  (correct to one decimal place) is:

- Ans
- ✗ 1. 13.9
  - ✗ 2. 14.8
  - ✓ 3. 13.3
  - ✗ 4. 12.8

Question ID : 98958013151  
Status : Answered  
Chosen Option : 3

Q.12  $\left(\frac{\sin\theta - 2\sin^3\theta}{2\cos^2\theta - \cos\theta}\right)^2 + 1, \theta \neq 45^\circ$ , is equal to:

- Ans
- ✗ 1.  $\operatorname{cosec}^2\theta$
  - ✓ 2.  $\sec^2\theta$
  - ✗ 3.  $\cot^2\theta$

 4.  $2\tan^2\theta$

Question ID : 98958013157

Status : Not Answered

Chosen Option : --

**Q.13** The table shows the production of different types of cars (in thousands).

| Year<br>Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|--------------|------|------|------|------|------|
| A            | 35   | 40   | 48   | 50   | 36   |
| B            | 39   | 45   | 54   | 60   | 72   |
| C            | 52   | 25   | 32   | 54   | 45   |
| D            | 50   | 42   | 45   | 46   | 47   |
| E            | 36   | 46   | 42   | 48   | 55   |

The ratio of the total production of cars of type C and E taken together in 2013 to the total production of cars of type D in 2014 and 2016 and type E in 2017 taken together is:

- Ans  1. 8 : 13
-  2. 5 : 8
-  3. 13 : 32
-  4. 8 : 11

Question ID : 98958013158

Status : Answered

Chosen Option : 1

**Q.14** If  $[8(x+y)^3 - 27(x-y)^3] \div (5y-x) = Ax^2 + Bxy + Cy^2$ , then the value of  $(A+B+C)$  is:




- Ans  1. 26
-  2. 19
-  3. 16
-  4. 13

Question ID : 98958013148

Status : Not Answered

Chosen Option : --

**Q.15** A takes 30 minutes more than B to cover a distance of 15 km at a certain speed. But if A doubles his speed, he takes one hour less than B to cover the same distance. What is the speed (in km/h) of B?

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

Question ID : 98958013146

Status : Not Answered

Chosen Option : --

**Q.16** The value of  $5 \div 5$  of  $5 \times 2 + 2 \div 2$  of  $2 \times 5 - (5 - 2) \div 6 \times 2$  is:

- Ans  1.  $\frac{9}{5}$
-  2.  $\frac{19}{10}$
-  3. 19
-  4.  $\frac{23}{2}$

Question ID : 98958013138

Status : Answered

Chosen Option : 2

**Q.17** If  $x$  is subtracted from each of 23, 39, 32 and 56, the numbers so obtained, in this order, are in proportion. What is the mean proportional between  $(x + 4)$  and  $(3x + 1)$ ?

- Ans**
- ☒ 1. 15
  - ☒ 2. 10
  - ☒ 3. 12
  - ☒ 4. 14

Question ID : 98958013143

Status : Not Answered

Chosen Option : --

**Q.18** The marked price of an article is ₹315. It is sold for ₹288. If there is a loss of 4%, then by what percent above the cost is the article marked?

- Ans**
- ☒ 1. 5
  - ☒ 2. 8
  - ☒ 3.  $6\frac{1}{2}$
  - ☒ 4.  $5\frac{1}{2}$

Question ID : 98958013140

Status : Answered

Chosen Option : 1

**Q.19** The ratio of the efficiencies of A, B and C is 4 : 5 : 3. Working together, they can complete that work in 25 days. A and C together will complete 35% of that work in:

- Ans**
- ☒ 1. 12 days
  - ☒ 2. 10 days
  - ☒ 3. 18 days
  - ☒ 4. 15 days

Question ID : 98958013145

Status : Not Answered

Chosen Option : --

**Q.20** The compound interest on a certain sum in  $2\frac{1}{2}$  years at 10% p.a., interest compounded yearly, is ₹1,623. The sum is:

- Ans**
- ☒ 1. ₹5,000
  - ☒ 2. ₹6,000
  - ☒ 3. ₹6,500
  - ☒ 4. ₹7,200

Question ID : 98958013144

Status : Not Answered

Chosen Option : --

**Q.21**  $\triangle ABC$  is similar to  $\triangle DEF$ . The area of  $\triangle ABC$  is  $100 \text{ cm}^2$  and the area of  $\triangle DEF$  is  $49 \text{ cm}^2$ . If the altitude of  $\triangle ABC = 5 \text{ cm}$ , then the corresponding altitude of  $\triangle DEF$  is:

- Ans**
- ☒ 1. 7 cm
  - ☒ 2. 4.5 cm
  - ☒ 3. 6 cm

✓ 4. 3.5 cm

Question ID : 98958013154

Status : Answered

Chosen Option : 4

**Q.22** Renu bought an article for ₹1,240 and sold it at a loss of 25%. With this amount, she bought another article and sold it at a gain of 40%. Her overall percentage profit is:

Ans ✗ 1. 12

✗ 2.  $6\frac{2}{3}$ 

✓ 3. 5

✗ 4. 15

Question ID : 98958013142

Status : Not Answered

Chosen Option : --

**Q.23** How much iron sheet (in  $m^2$ ) will be needed to construct a rectangular tank measuring  $10\text{ m} \times 8\text{ m} \times 6\text{ m}$ , if a circular opening of radius one metre is to be left at the top of the tank? (correct to one decimal place)

Ans ✗ 1. 371.6

✗ 2. 370.4

✓ 3. 372.9

✗ 4. 370.8

Question ID : 98958013147

Status : Not Answered

Chosen Option : --

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

| Year<br>Car | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------|------|------|------|------|------|
| A           | 35   | 40   | 48   | 50   | 36   |
| B           | 39   | 45   | 54   | 60   | 72   |
| C           | 52   | 25   | 32   | 54   | 45   |
| D           | 50   | 42   | 45   | 46   | 47   |
| E           | 36   | 46   | 42   | 48   | 55   |

The production of cars of type A in 2015 and of type C in 2013 taken together is approximately what percent of the total production of cars of type D in five years?

Ans ✗ 1. 40.2

✗ 2. 42.4

✓ 3. 43.5

✗ 4. 42.8

Question ID : 98958013159

Status : Not Answered

Chosen Option : --

**Q.25** The average weight of a certain number of students in a class is 68.5 kg. If 4 new students having weights 72.2 kg, 70.8 kg, 70.3 kg and 66.7 kg join the class, then the average weight of all the students increases by 300 g. The number of students in the class, initially, is:

Ans ✗ 1. 21

✓ 2. 16

✗ 3. 11

✗ 4. 26

Question ID : 98958013139

Status : Not Answered

Chosen Option : --



## Section : English Comprehension

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

She got two quick promotions in order that she has good communication skills.

- Ans
- ☒ 1. two quick promotions
  - ☒ 2. she has good communication skills
  - ☒ 3. in order that
  - ☒ 4. She got

Question ID : 98958012435

Status : Answered

Chosen Option : 3

**Q.2** Select the most appropriate meaning of the given idiom.

costs an arm and a leg

- Ans
- ☒ 1. easy to obtain
  - ☒ 2. rarely available
  - ☒ 3. nothing to lose
  - ☒ 4. very expensive

Question ID : 98958012453

Status : Answered

Chosen Option : 4

**Q.3** Select the most appropriate word to fill in the blank.

The State Government argued that it could not \_\_\_\_\_ the increase in the teachers' salaries as awarded by the court.

- Ans
- ☒ 1. stand
  - ☒ 2. spare
  - ☒ 3. afford
  - ☒ 4. get

Question ID : 98958012458

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.

An Italian mayor has been cleaning the streets along with his councilors after their town (1)\_\_\_\_\_ with no manual workers, it's reported. In fact, (2)\_\_\_\_\_ was sweeping the piazza in front of the (3)\_\_\_\_\_ church in preparation for market day, (4)\_\_\_\_\_ the deputy mayor's father and a town councilor armed with a high-pressure hose. The town Zerfaliu's last (5)\_\_\_\_\_ retired six months ago and nobody has been hired since then. "We can't do anything - we are blocked by bureaucracy," the mayor says.

**SubQuestion No : 4**

**Q.4** Select the most appropriate option for blank No. 1.

- Ans
- ☒ 1. was left
  - ☒ 2. was leaving
  - ☒ 3. has left
  - ☒ 4. leaves

Question ID : 98958012441

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.

An Italian mayor has been cleaning the streets along with his councilors after their town (1)\_\_\_\_\_ with no manual workers, it's reported. In fact, (2)\_\_\_\_\_ was sweeping the piazza in front of the (3)\_\_\_\_\_ church in preparation for market day, (4)\_\_\_\_\_ the deputy mayor's father and a town councilor armed with a high-pressure hose. The town Zerfaliu's last (5)\_\_\_\_\_ retired six months ago and nobody has been hired since then. "We can't do anything - we are blocked by bureaucracy," the mayor says.

**SubQuestion No : 5**

**Q.5** Select the most appropriate option for blank No. 2.

- Ans ☒ 1. he  
☒ 2. it  
☒ 3. they  
☒ 4. she

Question ID : 98958012442

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.

An Italian mayor has been cleaning the streets along with his councilors after their town (1)\_\_\_\_\_ with no manual workers, it's reported. In fact, (2)\_\_\_\_\_ was sweeping the piazza in front of the (3)\_\_\_\_\_ church in preparation for market day, (4)\_\_\_\_\_ the deputy mayor's father and a town councilor armed with a high-pressure hose. The town Zerfaliu's last (5)\_\_\_\_\_ retired six months ago and nobody has been hired since then. "We can't do anything - we are blocked by bureaucracy," the mayor says.

**SubQuestion No : 6**

**Q.6** Select the most appropriate option for blank No. 3.

- Ans ☒ 1. near  
☒ 2. local  
☒ 3. neighbour  
☒ 4. next

Question ID : 98958012443

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.

An Italian mayor has been cleaning the streets along with his councilors after their town (1)\_\_\_\_\_ with no manual workers, it's reported. In fact, (2)\_\_\_\_\_ was sweeping the piazza in front of the (3)\_\_\_\_\_ church in preparation for market day, (4)\_\_\_\_\_ the deputy mayor's father and a town councilor armed with a high-pressure hose. The town Zerfaliu's last (5)\_\_\_\_\_ retired six months ago and nobody has been hired since then. "We can't do anything - we are blocked by bureaucracy," the mayor says.

**SubQuestion No : 7**

**Q.7** Select the most appropriate option for blank No. 4.

- Ans ☒ 1. also  
☒ 2. alongside  
☒ 3. along  
☒ 4. as well

Question ID : 98958012444

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.

An Italian mayor has been cleaning the streets along with his councilors after their town (1)\_\_\_\_\_ with no manual workers, it's reported. In fact, (2)\_\_\_\_\_ was sweeping the piazza in front of the (3)\_\_\_\_\_ church in preparation for market day, (4)\_\_\_\_\_ the deputy mayor's father and a town councilor armed with a high-pressure hose. The town Zerfaliu's last (5)\_\_\_\_\_ retired six months ago and nobody has been hired since then. "We can't do anything - we are blocked by bureaucracy," the mayor says.

**SubQuestion No : 8**

**Q.8 Select the most appropriate option for blank No. 5.**

- Ans
- ☒ 1. councillor
  - ☒ 2. member
  - ☒ 3. worker
  - ☒ 4. mayor

Question ID : 98958012445

Status : Answered

Chosen Option : 3

**Q.9 Select the wrongly spelt word.**

- Ans
- ☒ 1. exemplify
  - ☒ 2. exhale
  - ☒ 3. exempt
  - ☒ 4. example

Question ID : 98958012456

Status : Answered

Chosen Option : 1

**Q.10 Select the wrongly spelt word.**

- Ans
- ☒ 1. comparable
  - ☒ 2. comparison
  - ☒ 3. compitition
  - ☒ 4. communication

Question ID : 98958012457

Status : Answered

Chosen Option : 3

**Q.11 Select the correct passive form of the given sentence.**

**Do not park your car in front of my house.**

- Ans
- ☒ 1. Your car need not be parked in front of my house.
  - ☒ 2. Your car should not be parked in front of my house.
  - ☒ 3. Your car could not be parked in front of my house.
  - ☒ 4. My house should not be parked in front of your car.

Question ID : 98958012436

Status : Answered

Chosen Option : 2

**Q.12 Select the synonym of the given word.**

**GARRULOUS**

- Ans
- ☒ 1. guttral

- ☐ 2. throaty  
☐ 3. concise  
☒ 4. talkative

Question ID : 98958012449  
Status : Answered  
Chosen Option : 4

Q.13 Select the antonym of the given word.

ESCALATE

- Ans ☐ 1. heighten  
☐ 2. enlarge  
☐ 3. raise  
☒ 4. reduce

Question ID : 98958012451  
Status : Answered  
Chosen Option : 2

Q.14 Select the antonym of the given word.

TENDER

- Ans ☐ 1. soft  
☐ 2. warm  
☐ 3. gentle  
☒ 4. rough

Question ID : 98958012450  
Status : Answered  
Chosen Option : 4

Q.15 Select the correct active form of the given sentence.

The main gate of the building was being guarded by gun-totting guards.

- Ans ☐ 1. Gun-totting guards guarded the main gate of the building.  
☐ 2. The main gate of the building were guarding gun-totting guards.  
☒ 3. Gun-totting guards were guarding the main gate of the building.  
☐ 4. Gun-totting guards have been guarding the main gate of the building.

Question ID : 98958012437  
Status : Answered  
Chosen Option : 3

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

- A. That sort of pollution, which is also widespread in other south east Asian nations, regularly kills wildlife like whales and turtles that ingest the waste.  
B. Environmental groups have tagged the Philippines as one of the world's biggest ocean polluters due to its reliance on single-use plastic.  
C. In Thailand also, a whale died last year after swallowing more than 80 plastic bags.  
D. In the latest case, a whale with 40 kilos of plastic trash in its stomach died on Saturday in southern Philippines where it was stranded a day earlier.

- Ans ☐ 1. BCAD  
☒ 2. BADC  
☐ 3. ABCD  
☐ 4. DABC

Question ID : 98958012447  
Status : Answered  
Chosen Option : 2

Q.17 Select the most appropriate meaning of the given idiom.

get out of hand

- Ans ☒ 1. get out of control  
☒ 2. to complete a task  
☒ 3. give up something  
☒ 4. get upset

Question ID : 98958012452  
Status : Answered  
Chosen Option : 1

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

I look for a better job for the last two months, but nothing is in sight.

- Ans ☒ 1. have been looking for a better job  
☒ 2. have looked for a better job  
☒ 3. No improvement  
☒ 4. looked for a better job

Question ID : 98958012439  
Status : Answered  
Chosen Option : 1

Q.19 Select the synonym of the given word.

TILT

- Ans ☒ 1. slant  
☒ 2. straighten  
☒ 3. cross  
☒ 4. support

Question ID : 98958012448  
Status : Answered  
Chosen Option : 1

Q.20 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. The elephant tusks were tracked from the Democratic Republic of Congo for two months.  
B. Customs officials in Thailand say it's the biggest seizure in the country's history.  
C. Four tonnes of ivory, with a market value of \$6 million - it was an impressive haul.  
D. Officials say they were being transported to Laos, from where they believed the ivory would be sold to customers across Asia.

- Ans ☒ 1. CBAD  
☒ 2. ACDB  
☒ 3. ABCD  
☒ 4. CABD

Question ID : 98958012446  
Status : Answered  
Chosen Option : 2

Q.21 Select the word which means the same as the group of words given.



A person without a settled home or regular work who wanders from place to place and lives by begging.

- Ans
- ☒ 1. vagrant
  - ☐ 2. itinerant
  - ☐ 3. migrant
  - ☐ 4. truant

Question ID : 98958012455  
Status : Answered  
Chosen Option : 3

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

A person, animal or plant belonging originally to a place

- Ans
- ☐ 1. alien
  - ☒ 2. native
  - ☐ 3. resident
  - ☐ 4. occupant

Question ID : 98958012454  
Status : Answered  
Chosen Option : 3

Q.23 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

If you join this job now, it proves to be good in the long run.

- Ans
- ☐ 1. it has proved to be good
  - ☒ 2. it will prove to be good
  - ☐ 3. it proves good
  - ☐ 4. No improvement

Question ID : 98958012438  
Status : Answered  
Chosen Option : 2

Q.24 Select the most appropriate word to fill in the blank.

Scientists at Cambridge University are \_\_\_\_\_ how plants can give us sustainable energy.

- Ans
- ☐ 1. looking
  - ☒ 2. investigating
  - ☐ 3. scrutinizing
  - ☐ 4. inspecting

Question ID : 98958012459  
Status : Answered  
Chosen Option : 4

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

Due to the Cyclone Idai vast areas of land have been flooded, roads destroyed and communications disrupting in Zimbabwe and Mosambique.

- Ans
- ☐ 1. vast areas of land have been flooded
  - ☒ 2. and communications disrupting
  - ☐ 3. Due to the Cyclone Idai
  - ☐ 4. roads destroyed

Question ID : **98958012434**

Status : **Answered**

Chosen Option : **1**

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