

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

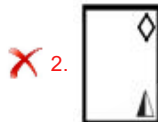
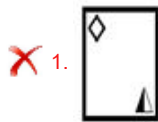
Roll No.	WWW.QMATHS.IN
Registration No.	WWW.QMATHS.IN
Name	WWW.QMATHS.IN
Test Venue	TCS Gito Bitan
Test Time	10:00 AM - 11:00 AM
Test Date	12/06/2019

Section : General Intelligence and Reasoning

Q.1 Select the figure that will come next in the following figure series.



Ans



Question ID : 98958013917

Status : Answered

Chosen Option : 3

Q.2 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:**

All drums are sticks.

Some drums are boxes.

**Conclusions:**

I. Some boxes are sticks.

II. Some sticks are drums.

III. All sticks are drums.

Ans

✗ 1. Only conclusions II and III follow

✓ 2. Only conclusions I and II follow

✗ 3. Only conclusions I and III follow.

✗ 4. All the conclusions, I, II and III follow

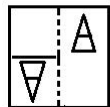
Question ID : 98958013909

Status : Answered

Chosen Option : 2

Q.3

Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

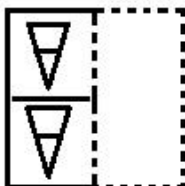


Ans

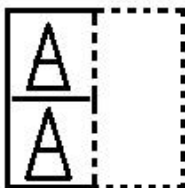
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : 98958013922

Status : Answered

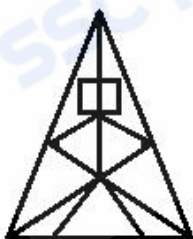
Chosen Option : 4

Q.4 Select the figure in which the given figure is embedded.  
(Rotation is not allowed).

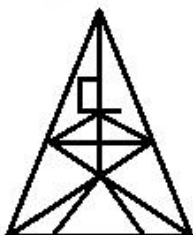


Ans

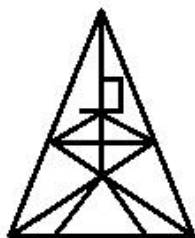
✗ 1.



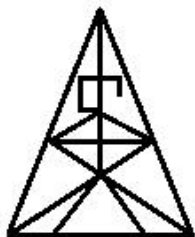
✗ 2.



✓ 3.



✗ 4.



Question ID : 98958013920

Status : Not Answered

Chosen Option : --

Q.5 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 98958013921

Status : Answered

Chosen Option : 1

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

X, R, ?, I, F, D, C

Ans ✗ 1. Q

✓ 2. M

✗ 3. N

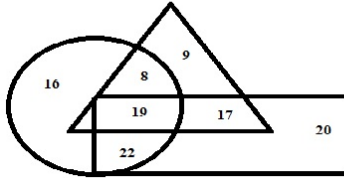
✗ 4. O

Question ID : 98958013899

Status : Answered

Chosen Option : 2

**Q.7** In the given Venn diagram, the circle represents 'businessmen', the triangle represents 'landlords' and the rectangle represents 'income tax payers'. The numbers given in the diagram represent the number of persons in that particular category.



How many businessmen are tax payers but NOT landlords?

Ans ✗ 1. 8

✓ 2. 22

✗ 3. 17

✗ 4. 19

Question ID : 98958013923

Status : Answered

Chosen Option : 1

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

Ans ✗ 1. UVYCH

✓ 2. JKNRV

✗ 3. GHKOT

✗ 4. PQTXC

Question ID : 98958013901

Status : Answered

Chosen Option : 2

**Q.9** In a code language, YOGHURT is written as 251578211820. How will DEVELOP be written as in that language?

Ans ✗ 1. 45225111516

✗ 2. 45215121516

✓ 3. 45225121516

✗ 4. 45225121515

Question ID : 98958013906

Status : Answered

Chosen Option : 3

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

FKP, HNT, JQX, LTB, ?

Ans ✗ 1. MWF

✗ 2. NWG

✗ 3. NXF

✓ 4. NWF

Question ID : 98958013907  
 Status : Answered  
 Chosen Option : 4

Q.11 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans ☒ 1. Inquire  
☒ 2. Deliberate  
☒ 3. Explore  
☒ 4. Examine

Question ID : 98958013902  
 Status : Answered  
 Chosen Option : 2

Q.12 'A + B' means 'A is the sister of B'.  
 'A - B' means 'A is the brother of B'.  
 'A × B' means 'A is the mother of B'.  
 'A ÷ B' means 'A is the father of B'.

If  $V + S \times Q - P \div T + R \times U$ , then how is R related to S?

- Ans ☒ 1. Grandson  
☒ 2. Daughter  
☒ 3. Grand-daughter  
☒ 4. Maternal grandmother

Question ID : 98958013908  
 Status : Answered  
 Chosen Option : 3

Q.13 Select the missing number from the below options.

11    17    8

16    36    4

15    23    ?

- Ans ☒ 1. 12  
☒ 2. 14  
☒ 3. 11  
☒ 4. 10

Question ID : 98958013913  
 Status : Not Answered  
 Chosen Option : --

Q.14 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.

Suitcase : Cloak Room

- Ans ☒ 1. Salary : Credit  
☒ 2. Money : Bank  
☒ 3. Chair : Furniture



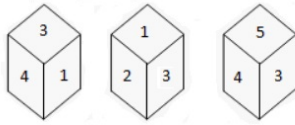
## ✗ 4. Bag : Luggage

Question ID : 98958013904

Status : Answered

Chosen Option : 2

Q.15 Three different positions of the same dice are shown. Which number will be on the face opposite to the one having 2?



Ans ✓ 1. 4

✗ 2. 5

✗ 3. 3

✗ 4. 6

Question ID : 98958013919

Status : Answered

Chosen Option : 1

Q.16 Which number will replace the question mark (?) in the following series?

115, ?, 134, 145, 157, 170

Ans ✓ 1. 124

✗ 2. 122

✗ 3. 125

✗ 4. 127

Question ID : 98958013910

Status : Answered

Chosen Option : 1

Q.17 Which two signs should be interchanged to make the following equation correct?

$$4 \times 5 - 24 \div 12 + 8 = 14$$

Ans ✗ 1. + and ÷

✗ 2. ÷ and ×

✓ 3. + and -

✗ 4. × and +

Question ID : 98958013915

Status : Answered

Chosen Option : 3

Q.18 Three of the following four number-pairs are alike in a certain way and one is different. Pick the number-pair that is different from the rest.

Ans ✓ 1. 13 : 170

✗ 2. 11 : 120

✗ 3. 5 : 24

✗ 4. 7 : 48

Question ID : 98958013912

Status : Answered

Chosen Option : 1

Q.19 'Political Science' is related to 'Social Science' in the same way as 'Chemistry' is related to '\_\_\_\_\_'.  
 Ans

- ☒ 1. Equations
- ☒ 2. Science
- ☒ 3. Humanities
- ☒ 4. Elements

Question ID : 98958013903  
 Status : Answered  
 Chosen Option : 2

Q.20 Arrange the following words in a logical and meaningful order.

- 1. Writing
- 2. Book
- 3. Seller
- 4. Idea
- 5. Feedback
- 6. Reader

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

Question ID : 98958013900  
 Status : Answered  
 Chosen Option : 1

Q.21 Select the missing number from the below options.

9      11      8  
 6      8      3  
 45    57    ?

- Ans
- ☒ 1. 54
  - ☒ 2. 55
  - ☒ 3. 52
  - ☒ 4. 53

Question ID : 98958013914  
 Status : Not Answered  
 Chosen Option : --

Q.22 Select the option that is related to the third number in the same way as the second number is related to the first number.

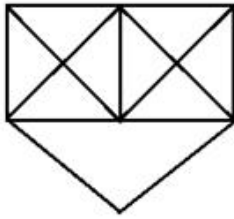
9 : 90 :: 12 : ?

- Ans
- ☒ 1. 160
  - ☒ 2. 150
  - ☒ 3. 156
  - ☒ 4. 152

Question ID : 98958013911  
 Status : Answered

Chosen Option : 3

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



- Ans
- ☒ 1. 18
  - ☒ 2. 19
  - ☒ 3. 20
  - ☒ 4. 17

Question ID : 98958013918

Status : Answered

Chosen Option : 1

Q.24 The sum of the current ages of Vishal and Armaan is 70 years. 5 years ago, Vishal was twice as old as Armaan. What is Armaan's current age?

- Ans
- ☒ 1. 10 years
  - ☒ 2. 45 years
  - ☒ 3. 25 years
  - ☒ 4. 20 years

Question ID : 98958013916

Status : Answered

Chosen Option : 2

Q.25 In a code language, PERMANENT is written as EPMRBENTN. How will TECHNICAL be written as in that language?

- Ans
- ☒ 1. TEHCOCIAL
  - ☒ 2. ETCHOCILA
  - ☒ 3. ETHCPCILA
  - ☒ 4. ETHCOCILA

Question ID : 98958013905

Status : Answered

Chosen Option : 4

Section : General Awareness

Q.1 Who is the author of the book 'India Shashtra: Reflections on the Nation in our Time'?

- Ans
- ☒ 1. Narendra Modi
  - ☒ 2. Shashi Tharoor
  - ☒ 3. Manmohan Singh
  - ☒ 4. A P J Abdul Kalam

Question ID : 98958014515

Status : Answered

Chosen Option : 2

Q.2 Which of the following is the highest mountain peak in Maharashtra?

Ans



- ☒ 1. Kalsubai Shikhar  
☐ 2. Anjaneri  
☐ 3. Salher  
☐ 4. Taramati

Question ID : 98958014509  
Status : Answered  
Chosen Option : 1

Q.3 Who was the last ruler of the Vaghela Dynasty of Gujarat after whose defeat the kingdom was passed to Alauddin Khilji?

- Ans ☐ 1. Arjuna Deva  
☐ 2. Saranga Deva  
☒ 3. Karandev  
☐ 4. Rama

Question ID : 98958014514  
Status : Not Answered  
Chosen Option : --

Q.4 \_\_\_\_\_ is well-known for the golden beautification of the Harmandir Sahib Gurdwara in Amritsar, famously known as the Golden Temple.

- Ans ☐ 1. Maha Singh  
☒ 2. Ranjit Singh  
☐ 3. Duleep Singh  
☐ 4. Charat Singh

Question ID : 98958014513  
Status : Not Answered  
Chosen Option : --

Q.5 Dashain' is the grandest festival of \_\_\_\_\_.

- Ans ☐ 1. Bangladesh  
☐ 2. Bhutan  
☐ 3. Sri Lanka  
☒ 4. Nepal

Question ID : 98958014499  
Status : Not Answered  
Chosen Option : --

Q.6 Which Indian badminton player was runner-up at the 2019 Swiss Open tournament?

- Ans ☐ 1. Kidambi Srikanth  
☐ 2. Chetan Anand  
☒ 3. Sai Praneeth  
☐ 4. Parupalli Kashyap

Question ID : 98958014521  
Status : Answered  
Chosen Option : 1

Q.7 Blue litmus paper turns \_\_\_\_\_ on contact with an acidic solution.

- Ans ☒ 1. red  
☐ 2. brown

- ☒ 3. green  
☒ 4. yellow

Question ID : 98958014507  
Status : Answered  
Chosen Option : 1

**Q.8 Name the tissue that transports food to various parts of a plant.**

- Ans ☒ 1. Parenchyma  
☒ 2. Xylem  
☒ 3. Phloem  
☒ 4. Sclerenchyma

Question ID : 98958014506  
Status : Answered  
Chosen Option : 2

**Q.9 What effect will a decrease in demand and an increase in supply have on equilibrium price?**

- Ans ☒ 1. Equilibrium price will fall  
☒ 2. Equilibrium price will rise  
☒ 3. Equilibrium price will be constant  
☒ 4. Sometimes price will rise and sometimes it will fall

Question ID : 98958014501  
Status : Answered  
Chosen Option : 1

**Q.10 Which of the following is called the 'popular chamber'?**

- Ans ☒ 1. State Assembly  
☒ 2. Rajya Sabha  
☒ 3. Lok Sabha  
☒ 4. Gram Sabha

Question ID : 98958014517  
Status : Answered  
Chosen Option : 3

**Q.11 What is the dominant chemical present in detergent powder?**

- Ans ☒ 1. Hydrochloric acid  
☒ 2. Sodium carbonate  
☒ 3. Calcium carbonate  
☒ 4. Sodium alkyl sulphate

Question ID : 98958014504  
Status : Answered  
Chosen Option : 4

**Q.12 A substantial increase in capital expenditure or revenue deficit leads to \_\_\_\_\_.**

- Ans ☒ 1. Budgetary Deficit  
☒ 2. Fiscal Deficit  
☒ 3. Primary Deficit  
☒ 4. Revenue Deficit

Question ID : 98958014502  
Status : Answered  
Chosen Option : 2

Q.13 Which of the following Indian film-makers was given the title of 'Ambassador of Interlaken' in 2011 at Switzerland?

- Ans
- ☐ 1. Yash Johar
  - ☐ 2. Raj Kapoor
  - ☐ 3. Subhash Ghai
  - ☒ 4. Yash Chopra

Question ID : 98958014516  
Status : Answered  
Chosen Option : 4

Q.14 The term 'Dolphin Kick' is associated with which sport?

- Ans
- ☐ 1. Football
  - ☐ 2. Rugby
  - ☒ 3. Swimming
  - ☐ 4. Cricket

Question ID : 98958014520  
Status : Answered  
Chosen Option : 2

Q.15 Which article of the Constitution of India provides that each Indian state will have a governor?

- Ans
- ☐ 1. Article 152
  - ☒ 2. Article 153
  - ☐ 3. Article 151
  - ☐ 4. Article 154

Question ID : 98958014518  
Status : Not Answered  
Chosen Option : --

Q.16 Which Indian batsman was the first to hit six consecutive sixes in first-class cricket?

- Ans
- ☒ 1. Ravi Shastri
  - ☐ 2. Sunil Gavaskar
  - ☐ 3. Virat Kohli
  - ☐ 4. Sachin Tendulkar

Question ID : 98958014519  
Status : Answered  
Chosen Option : 1

Q.17 In the year \_\_\_\_\_, the Maratha Empire ceased to exist with the surrender of the Marathas to the British, ending the Third Anglo-Maratha War.

- Ans
- ☐ 1. 1792
  - ☐ 2. 1811
  - ☒ 3. 1818
  - ☐ 4. 1806

Question ID : 98958014512  
Status : Not Answered

Chosen Option : --

Q.18 What is the distinctive characteristic of 'marsupials'?

- Ans
- ☒ 1. They lay eggs
  - ☒ 2. They hibernate in winter
  - ☒ 3. They carry young ones in pouches
  - ☒ 4. They migrate from one place to another

Question ID : 98958014505

Status : Answered

Chosen Option : 3

Q.19 Which of the following countries is the largest producer of wheat in the world?

- Ans
- ☒ 1. Bangladesh
  - ☒ 2. Myanmar (Burma)
  - ☒ 3. India
  - ☒ 4. China

Question ID : 98958014508

Status : Answered

Chosen Option : 4

Q.20 To which of the following Indian states does the tribe of 'Nyishi' belong?

- Ans
- ☒ 1. Tamil Nadu
  - ☒ 2. Bihar
  - ☒ 3. Arunachal Pradesh
  - ☒ 4. Chhattisgarh

Question ID : 98958014500

Status : Not Answered

Chosen Option : --

Q.21 Rajat has hypermetropia. What type of lens will the ophthalmologist recommend to correct his vision?

- Ans
- ☒ 1. Bifocal
  - ☒ 2. Concave
  - ☒ 3. Progressive
  - ☒ 4. Convex

Question ID : 98958014503

Status : Answered

Chosen Option : 1

Q.22 \_\_\_\_\_ has been established as the annual 'International Day of Happiness'.

- Ans
- ☒ 1. 20th March
  - ☒ 2. 31st March
  - ☒ 3. 15th January
  - ☒ 4. 23rd February

Question ID : 98958014523

Status : Not Answered

Chosen Option : --

Q.23 What was India's rank among 156 countries in the Global Happiness Index 2019?

- Ans ☒ 1. 140th  
☒ 2. 124th  
☒ 3. 132nd  
☒ 4. 137th

Question ID : 98958014522  
 Status : Answered  
 Chosen Option : 1

Q.24 Which state of India has the longest mainland coastline?

- Ans ☒ 1. Gujarat  
☒ 2. Odisha  
☒ 3. Kerala  
☒ 4. Maharashtra

Question ID : 98958014510  
 Status : Answered  
 Chosen Option : 1

Q.25 During World War II, the Battles of Kohima and Imphal were fought in the year \_\_\_\_.

- Ans ☒ 1. 1945  
☒ 2. 1943  
☒ 3. 1942  
☒ 4. 1944

Question ID : 98958014511  
 Status : Answered  
 Chosen Option : 3

Section : Quantitative Aptitude

Q.1 In  $\triangle ABC$ , P is a point on BC such that BP : PC = 2 : 3 and Q is the midpoint of BP. Then  $\text{ar}(\triangle ABQ) : \text{ar}(\triangle ABC)$  is equal to:

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

Question ID : 98958013515  
 Status : Answered  
 Chosen Option : 2

Q.2 Two articles are sold for ₹4,956 each. On one, the seller gains 18% and on the other he loses 16%. What is his overall gain or loss percent to nearest one decimal place??

- Ans ☒ 1. 2.1% loss  
☒ 2. 1.9% loss  
☒ 3. 2.1% gain  
☒ 4. 1.9% gain

Question ID : 98958013504  
 Status : Not Answered  
 Chosen Option : --

Q.3 What is the value of  $x$  so that the seven digit number 91876 $x$ 2 is divisible by 72?



- Ans
- ☐ 1. 2
  - ☐ 2. 7
  - ☐ 3. 5
  - ☒ 4. 3

Question ID : 98958013499  
 Status : Answered  
 Chosen Option : 4

Q.4 If  $a : b = 2 : 3$ , then  $(5a - 2b) : (5a + 2b)$  is equal to:

- Ans
- ☐ 1. 3 : 7
  - ☐ 2. 2 : 7
  - ☐ 3. 1 : 3
  - ☒ 4. 1 : 4

Question ID : 98958013505  
 Status : Answered  
 Chosen Option : 4

Q.5 If  $\cos \theta = \frac{4}{5}$ , then  $\sin^2 \theta \cos \theta + \cos^2 \theta \sin \theta$  is equal to:

- Ans
- ☐ 1.  $\frac{16}{25}$
  - ☒ 2.  $\frac{84}{125}$
  - ☐ 3.  $\frac{14}{25}$
  - ☐ 4.  $\frac{82}{125}$

Question ID : 98958013518  
 Status : Answered  
 Chosen Option : 2

Q.6 The following table shows the percentage distribution of students in various disciplines from five different colleges.

Disciplines	Colleges				
	A	B	C	D	E
Science	25	35	45	28	35
Economics	35	40	20	42	25
Mathematics	40	25	35	30	40
Total Students	8,000	10,000	15,000	9,000	11,000

What is the percentage of students from the discipline of Mathematics for colleges A and C taken together, (nearest to one decimal place)?

- Ans
- ☐ 1. 37.5
  - ☐ 2. 37.2
  - ☐ 3. 36.9
  - ☒ 4. 36.7

Question ID : 98958013521  
 Status : Not Answered  
 Chosen Option : --

Q.7 If  $(a + b) = 6$  and  $ab = 8$ , then  $(a^3 + b^3)$  is equal to:

- Ans
- ☐ 1. 216

- ☒ 2. 108
- ☒ 3. 144
- ☒ 4. 72

Question ID : 98958013510  
Status : Answered  
Chosen Option : 4

**Q.8**  $\triangle ABC \sim \triangle RQP$  and  $PQ = 10$  cm,  $QR = 12$  cm and  $RP = 16$  cm. If  $\text{ar}(\triangle PQR) : \text{ar}(\triangle ABC) = \frac{9}{4}$ , then  $BC$  is equal to:

- Ans** ☒ 1.  $\frac{20}{3}$  cm
- ☒ 2.  $\frac{32}{3}$  cm
- ☒ 3. 6 cm
- ☒ 4. 8 cm

Question ID : 98958013516  
Status : Not Answered  
Chosen Option : --

**Q.9** A is 50% more efficient than B and C is 40% less efficient than B. Working together, they can complete a task in 20 days. In how many days will C alone complete 30% of that task?

- Ans** ☒ 1. 31
- ☒ 2. 33
- ☒ 3. 35
- ☒ 4. 29

Question ID : 98958013507  
Status : Not Answered  
Chosen Option : --

**Q.10** Chords AB and CD of a circle intersect at a point P inside the circle. If  $AB = 10$  cm,  $AP = 4$  cm and  $PC = 5$  cm, then CD is equal to:

- Ans** ☒ 1. 4.8 cm
- ☒ 2. 6.8 cm
- ☒ 3. 9.8 cm
- ☒ 4. 7.8 cm

Question ID : 98958013513  
Status : Not Answered  
Chosen Option : --

**Q.11** A train without stoppage travels with an average speed of 80 km/h and with stoppage, it travels with an average speed of 64 km/h. For how many minutes does the train stop on an average per hour?

- Ans** ☒ 1. 12
- ☒ 2. 8
- ☒ 3. 10
- ☒ 4. 14

Question ID : 98958013508  
Status : Answered  
Chosen Option : 1

**Q.12** The price of sugar is increased by 17%. A person wants to increase his expenditure by 7% only. By what percentage, correct to one decimal place, should he reduce his consumption?

- Ans** ☒ 1. 8.1%

☒ 2. 8.3%

☒ 3. 8.5%

☒ 4. 8.7%

Question ID : 98958013503

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.13** An article is sold for ₹547.40 after successive discounts of 30% and 15%. What is the marked price of the article?

**Ans** ☒ 1. ₹920

☒ 2. ₹960

☒ 3. ₹900

☒ 4. ₹940

Question ID : 98958013502

Status : Answered

Chosen Option : 1

**Q.14** The value of:

$$3.8 + (8.2 \div 4.1 \times 2) - 4 \times 3 \div 1.2$$

**Ans** ☒ 1. 2.2

☒ 2. - 1.2

☒ 3. 1.2

☒ 4. - 2.2

Question ID : 98958013500

Status : Answered

Chosen Option : 4

**Q.15** The difference between the compound interest and simple interest on ₹x at 12% per annum for 2 years is ₹43.20. What is the value of x?

**Ans** ☒ 1. 2,400

☒ 2. 2,800

☒ 3. 3,000

☒ 4. 2,500

Question ID : 98958013506

Status : Not Answered

Chosen Option : --

**Q.16** The following table shows the percentage distribution of students in various disciplines from five different colleges.

Disciplines	Colleges				
	A	B	C	D	E
Science	25	35	45	28	35
Economics	35	40	20	42	25
Mathematics	40	25	35	30	40
Total Students	8,000	10,000	15,000	9,000	11,000

What is the average number of students from the science discipline of all the colleges taken together?

**Ans** ☒ 1. 3762

☒ 2. 3748

☒ 3. 3724

☒ 4. 3642

Question ID : 98958013520  
 Status : Not Answered  
 Chosen Option : --

Q.17 If  $a + b + c = 6$  and  $ab + bc + ca = 5$ , then  $a^3 + b^3 + c^3 - 3abc$  is equal to:

- Ans ☒ 1. 116  
☒ 2. 126  
☒ 3. 98  
☒ 4. 108

Question ID : 98958013512  
 Status : Answered  
 Chosen Option : 2

Q.18 The value of  $\frac{\sin 44^\circ}{\cos 46^\circ} + \sin^2 60^\circ - \cos^2 45^\circ + \sec 60^\circ$  is equal to:

- Ans ☒ 1.  $\frac{13}{4}$   
☒ 2.  $\frac{11}{4}$   
☒ 3.  $\frac{11}{3}$   
☒ 4.  $\frac{7}{4}$

Question ID : 98958013519  
 Status : Not Answered  
 Chosen Option : --

Q.19 In a class of 60 students, 40% are girls. The average weight of the boys is 62kg and that of the girls is 55kg. What is the average weight of the whole class?

- Ans ☒ 1. 59.2kg  
☒ 2. 58.8kg  
☒ 3. 59kg  
☒ 4. 58.6kg

Question ID : 98958013501  
 Status : Answered  
 Chosen Option : 1

Q.20 In a circle with centre O, AB is a diameter and CD is a chord such that ABCD is a trapezium. If  $\angle BAC = 28^\circ$ , then  $\angle CAD$  is equal to:

- Ans ☒ 1.  $34^\circ$   
☒ 2.  $28^\circ$   
☒ 3.  $62^\circ$   
☒ 4.  $32^\circ$

Question ID : 98958013514  
 Status : Answered  
 Chosen Option : 4

Q.21

The following table shows the percentage distribution of students in various disciplines from five different colleges.

Disciplines	Colleges				
	A	B	C	D	E
Science	25	35	45	28	35
Economics	35	40	20	42	25
Mathematics	40	25	35	30	40
Total Students	8,000	10,000	15,000	9,000	11,000

The number of students from the discipline of Economics from college B is approximately what percentage of the number of students from the discipline of Science from the college C?

- Ans
- ☒ 1. 61
  - ☒ 2. 59
  - ☐ 3. 56
  - ☐ 4. 58

Question ID : 98958013522

Status : Not Answered

Chosen Option : --

Q.22 If  $\sqrt{x} + \frac{1}{\sqrt{x}} = 2\sqrt{2}$ , then  $x^2 + \frac{1}{x^2}$  is equal to:

- Ans
- ☒ 1. 34
  - ☐ 2. 64
  - ☐ 3. 36
  - ☐ 4. 32

Question ID : 98958013511

Status : Answered

Chosen Option : 1

Q.23 The radii of the two circular faces of the frustum of a cone of height 21 cm are 5 cm and 3 cm. What is its volume in  $\text{cm}^3$ ? ( $\pi = \frac{22}{7}$ )

- Ans
- ☒ 1. 1078
  - ☐ 2. 1020
  - ☐ 3. 1058
  - ☐ 4. 1025

Question ID : 98958013509

Status : Answered

Chosen Option : 1

Q.24 If  $\tan 4\theta = \cot(40^\circ - 2\theta)$ , then  $\theta$  is equal to:

- Ans
- ☐ 1.  $20^\circ$
  - ☒ 2.  $25^\circ$
  - ☐ 3.  $35^\circ$
  - ☐ 4.  $30^\circ$

Question ID : 98958013517

Status : Answered

Chosen Option : 2

Q.25 The following table shows the percentage distribution of students in various disciplines from five different colleges.

Disciplines	Colleges				
	A	B	C	D	E
Science	25	35	45	28	35
Economics	35	40	20	42	25
Mathematics	40	25	35	30	40
Total Students	8,000	10,000	15,000	9,000	11,000

If the data of the total students' college wise, is represented by a pie-chart, what is the central angle of the sector representing college E (to nearest whole number)?



- Ans
- ☒ 1.  $78^\circ$
  - ☒ 2.  $75^\circ$
  - ☒ 3.  $79^\circ$
  - ☒ 4.  $73^\circ$

Question ID : 98958013523  
Status : Not Answered  
Chosen Option : --

Section : English Comprehension

Q.1 Select the correctly spelt word.

- Ans
- ☒ 1. propotion
  - ☒ 2. proportion
  - ☒ 3. preportion
  - ☒ 4. proporsion

Question ID : 98958012820  
Status : Answered  
Chosen Option : 2

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

I have not saw him since I last leave the town.

- Ans
- ☒ 1. No improvement
  - ☒ 2. seen him for I last left
  - ☒ 3. see him since I last left
  - ☒ 4. seen him since I last left

Question ID : 98958012802  
Status : Answered  
Chosen Option : 4

Q.3 Select the correct passive form of the given sentence.

Credit cards are replacing cash transactions.

- Ans
- ☒ 1. Cash transactions had been replaced by credit cards.
  - ☒ 2. Cash transactions have been replaced by credit cards.
  - ☒ 3. Cash transactions are being replaced by credit cards.
  - ☒ 4. Cash transactions are replaced by credit cards.

Question ID : 98958012800  
Status : Answered  
Chosen Option : 3

Q.4 Select the most appropriate synonym of the given word.

RENOWN

- Ans
- ☒ 1. obscurity
  - ☒ 2. fame
  - ☒ 3. wisdom
  - ☒ 4. conceit

Question ID : 98958012812  
Status : Answered

Chosen Option : 2

**Q.5** Select the most appropriate option to fill in the blank.

I sat \_\_\_\_\_ my life as nothing seemed to be working for me.

- Ans
- ☒ 1. blessing
  - ☒ 2. cursing
  - ☒ 3. tormenting
  - ☒ 4. invoking

Question ID : 98958012822

Status : Answered

Chosen Option : 2

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

A state of perfect balance

- Ans
- ☒ 1. equinox
  - ☒ 2. equivalent
  - ☒ 3. equilibrium
  - ☒ 4. equilateral

Question ID : 98958012818

Status : Answered

Chosen Option : 3

**Q.7** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Lyrics help in creating a distinctive narrative, some conventions of which have been carried over from the talkies era.
- B. Thus, songs have outlived films in people's memories.
- C. However, songs seem to have acquired a musical grammar of their own, establishing an emotional chord with the listeners.
- D. In popular Indian cinema, lyrics are to music what the heart is to the body.

- Ans
- ☒ 1. ABCD
  - ☒ 2. DCBA
  - ☒ 3. DACB
  - ☒ 4. ADBC

Question ID : 98958012811

Status : Answered

Chosen Option : 3

**Q.8** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. So, I had thoughts of setting up an Indian restaurant there with my wife's support.
- B. It took us two months to redesign the place to suit our needs.
- C. One of the things I really missed when I set up home in Maryland, was a restaurant that served authentic Indian food.
- D. I decided to pursue this idea seriously and bought an old building in the downtown.

- Ans
- ☒ 1. BCDA
  - ☒ 2. CADB
  - ☒ 3. CBAD
  - ☒ 4. DACB

Question ID : 98958012810

Status : Answered

Chosen Option : 2

Q.9 In the sentence identify the segment which contains the grammatical error.

Not complying by any of the laws can land you into serious trouble.

- Ans
- ☒ 1. Not complying by
  - ☐ 2. any of the laws
  - ☐ 3. into serious trouble
  - ☐ 4. can land you

Question ID : 98958012799

Status : Answered

Chosen Option : 1

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

Raja Ravi Varma was one of the first artist who tried to create a style that was both modern and traditional.

- Ans
- ☐ 1. Raja Ravi Varma was
  - ☐ 2. both modern and traditional.
  - ☐ 3. to create a style that was
  - ☒ 4. one of the first artist

Question ID : 98958012798

Status : Not Answered

Chosen Option : --

Q.11 Select the most appropriate meaning of the underlined idiom in the given sentence.

Many people join politics to feather their own nest.

- Ans
- ☐ 1. make others' life comfortable
  - ☒ 2. promote their own interest
  - ☐ 3. utilize black money
  - ☐ 4. serve their country

Question ID : 98958012816

Status : Answered

Chosen Option : 2

Q.12 Select the most appropriate option to fill in the blank.

The roads at 15000 feet are not easily navigable and the air is \_\_\_\_\_ and freezing.

- Ans
- ☒ 1. rarefied
  - ☐ 2. intensified
  - ☐ 3. elevated
  - ☐ 4. exalted

Question ID : 98958012823

Status : Answered

Chosen Option : 4

Q.13 Select the most appropriate meaning of the underlined idiom in the given sentence.

The man heaved a sigh of relief when he was sure he was out of the woods.

- Ans
- ☐ 1. discharged from hospital
  - ☐ 2. released from prison
  - ☒ 3. out of danger
  - ☐ 4. out of the forest

Question ID : 98958012817

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.

English is not a language that (1)\_\_\_\_\_ in India. But it is used extensively in (2)\_\_\_\_\_country. India comes second on the list of countries (3)\_\_\_\_\_most English speakers,albeit not as the first language. English is more (4)\_\_\_\_\_than any single Indian language! It has managed to (5)\_\_\_\_\_the entire world.

SubQuestion No : 14

Q.14 Select the most appropriate option to fill in blank No.(1)

- Ans
- ☒ 1. developed
  - ☒ 2. originated
  - ☒ 3. created
  - ☒ 4. derived

Question ID : 98958012805

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.

English is not a language that (1)\_\_\_\_\_ in India. But it is used extensively in (2)\_\_\_\_\_country. India comes second on the list of countries (3)\_\_\_\_\_most English speakers,albeit not as the first language. English is more (4)\_\_\_\_\_than any single Indian language! It has managed to (5)\_\_\_\_\_the entire world.

SubQuestion No : 15

Q.15 Select the most appropriate option to fill in blank No.(2)

- Ans
- ☒ 1. a
  - ☒ 2. the
  - ☒ 3. one
  - ☒ 4. an

Question ID : 98958012806

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.

English is not a language that (1)\_\_\_\_\_ in India. But it is used extensively in (2)\_\_\_\_\_country. India comes second on the list of countries (3)\_\_\_\_\_most English speakers,albeit not as the first language. English is more (4)\_\_\_\_\_than any single Indian language! It has managed to (5)\_\_\_\_\_the entire world.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank No.(3)

- Ans
- ☒ 1. among
  - ☒ 2. with
  - ☒ 3. by
  - ☒ 4. from

Question ID : 98958012807

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.

English is not a language that (1)\_\_\_\_\_ in India. But it is used extensively in (2)\_\_\_\_\_ country. India comes second on the list of countries (3)\_\_\_\_\_ most English speakers, albeit not as the first language. English is more (4)\_\_\_\_\_ than any single Indian language! It has managed to (5)\_\_\_\_\_ the entire world.

**SubQuestion No : 17**

**Q.17** Select the most appropriate option to fill in blank No.(4)

- Ans ☒ 1. comprehensive  
☒ 2. prevalent  
☒ 3. frequented  
☒ 4. extended

Question ID : 98958012808

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.

English is not a language that (1)\_\_\_\_\_ in India. But it is used extensively in (2)\_\_\_\_\_ country. India comes second on the list of countries (3)\_\_\_\_\_ most English speakers, albeit not as the first language. English is more (4)\_\_\_\_\_ than any single Indian language! It has managed to (5)\_\_\_\_\_ the entire world.

**SubQuestion No : 18**

**Q.18** Select the most appropriate option to fill in blank No.(5)

- Ans ☒ 1. saturate  
☒ 2. invade  
☒ 3. persuade  
☒ 4. pervade

Question ID : 98958012809

Status : Answered

Chosen Option : 3

**Q.19** Select the most appropriate antonym of the given word.

**FOREIGN**

- Ans ☒ 1. rustic  
☒ 2. rural  
☒ 3. Indian  
☒ 4. native

Question ID : 98958012815

Status : Answered

Chosen Option : 4

**Q.20** Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Ishwarchand Vidyasagar use the ancient text to suggestion that widows could remarry.

- Ans ☒ 1. used the ancient texts to suggest  
☒ 2. use the ancient texts for suggestion  
☒ 3. used the ancient texts suggests  
☒ 4. No improvement



Question ID : 98958012803  
Status : Answered  
Chosen Option : 1

Q.21 Select the correctly spelt word.

- Ans
- ☒ 1. exhilarate
  - ☒ 2. exhilerate
  - ☒ 3. exilerate
  - ☒ 4. exhilarate

Question ID : 98958012821  
Status : Answered  
Chosen Option : 2

Q.22 Select the correct active form of the given sentence.

We were given very little time to prepare the presentation.

- Ans
- ☒ 1. They have given us very little time to prepare the presentation.
  - ☒ 2. They gave us very little time to prepare the presentation.
  - ☒ 3. They will give us very little time to prepare the presentation.
  - ☒ 4. They give us very little time to prepare the presentation.

Question ID : 98958012801  
Status : Answered  
Chosen Option : 4

Q.23 Select the most appropriate antonym of the given word.

ASCENT

- Ans
- ☒ 1. descent
  - ☒ 2. depression
  - ☒ 3. decent
  - ☒ 4. distant

Question ID : 98958012814  
Status : Answered  
Chosen Option : 1

Q.24 Select the most appropriate synonym of the given word.

DEVOUT


- Ans
- ☒ 1. revered
  - ☒ 2. loyal
  - ☒ 3. pious
  - ☒ 4. respectable

Question ID : 98958012813  
Status : Not Answered  
Chosen Option : --

Q.25 Select the word which means the same as the group of words given.

One who walks in sleep

- Ans
- ☒ 1. omnipotent
  - ☒ 2. somnambulist
  - ☒ 3. philanthropist

 4. pedestrian

Question ID : **98958012819**

Status : **Answered**

Chosen Option : **2**

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