

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

Roll No.	
Registration No.	
Name	
Test Venue	CBSM Online Test Center Dwarka
Test Time	4:00 PM - 5:00 PM
Test Date	12/06/2019

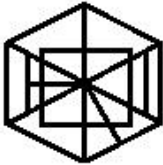
## Section : General Intelligence and Reasoning

**Q.1** Select the figure in which the given figure is embedded.  
(Rotation is not allowed).

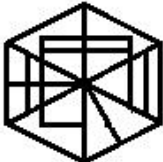


Ans

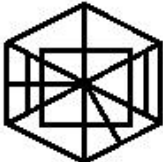
✗ 1.



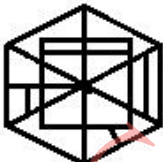
✗ 2.



✓ 3.



✗ 4.



Question ID : 98958013970

Status : Answered

Chosen Option : 1

**Q.2** 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. 4 : 65

✗ 2. 1 : 2

✓ 3. 3 : 27

✗ 4. 2 : 9

Question ID : 98958013962

Status : Answered

Chosen Option : 3

Q.3

'A + B' means 'A is the wife of B'.

'A - B' means 'A is the husband of B'.

'A × B' means 'A is the son of B'.

'A ÷ B' means 'A is the mother of B'.

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

- Ans
- ☒ 1. Daughter
  - ☒ 2. Maternal grandmother
  - ☒ 3. Sister
  - ☒ 4. Mother

Question ID : 98958013958

Status : Answered

Chosen Option : 4

Q.4 Which number will replace the question mark (?) in the following series?

102, 110, 126, 150, 182, ?

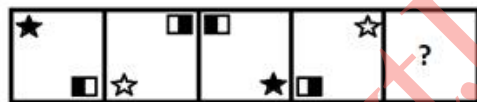
- Ans
- ☒ 1. 246
  - ☒ 2. 214
  - ☒ 3. 220
  - ☒ 4. 222

Question ID : 98958013960

Status : Answered

Chosen Option : 4

Q.5 Select the figure that will come next in the following figure series.



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

Question ID : 98958013967

Status : Answered

Chosen Option : 2

Q.6

Arrange the following words in a logical and meaningful order.

1. Ploughing up the field
2. Bread making
3. Production of wheat
4. Wheat grinding
5. Sowing the seeds
6. Dough making

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

Question ID : 98958013950  
 Status : Answered  
 Chosen Option : 1

Q.7 Which letter will replace the question mark (?) in the following series?

D, J, ?, S, V, X

- Ans ☒ 1. O  
☒ 2. M  
☒ 3. P  
☒ 4. Q

Question ID : 98958013949  
 Status : Answered  
 Chosen Option : 1

Q.8 Which letter-cluster will replace the question mark (?) in the following series?

SWA, OAW, KES, ?, CMK

- Ans ☒ 1. GIO  
☒ 2. GHO  
☒ 3. FIP  
☒ 4. FIO

Question ID : 98958013957  
 Status : Answered  
 Chosen Option : 1

Q.9 In a code language, CLIMAX is written as 312913124. How will RESIGN be written as in that language?

- Ans ☒ 1. 185199714  
☒ 2. 185198614  
☒ 3. 195209714  
☒ 4. 185199713

Question ID : 98958013956  
 Status : Answered  
 Chosen Option : 1

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

- Ans
- ☒ 1. Diabetes
  - ☒ 2. Frustration
  - ☒ 3. Anaemia
  - ☒ 4. Hypertension

Question ID : 98958013952  
 Status : Answered  
 Chosen Option : 2

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

- Ans
- ☒ 1. ZXUQL
  - ☒ 2. NLHDC
  - ☒ 3. SQNJE
  - ☒ 4. PNKGB

Question ID : 98958013951  
 Status : Marked For Review  
 Chosen Option : 2

Q.12 The sum of the current ages of Vinayak and his father is 50 years. 5 years from now, Vinayak's age will be one-fifth of his father's age. What is Vinayak's current age?

- Ans
- ☒ 1. 15 years
  - ☒ 2. 5 years
  - ☒ 3. 8 years
  - ☒ 4. 10 years

Question ID : 98958013966  
 Status : Answered  
 Chosen Option : 2

Q.13 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 owls are parrots.  
 Some parrots are crows.

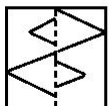
**Conclusions:**

- I. No owl is a crow.
- II. All parrots are owls.
- III. Some owls are crows.

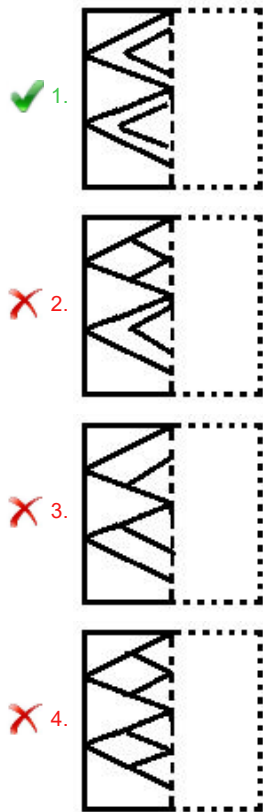
- Ans
- ☒ 1. All the conclusions, I, II and III, follow
  - ☒ 2. Only conclusions II and III follow.
  - ☒ 3. Either conclusion I or III follows
  - ☒ 4. Either conclusion I or II follows

Question ID : 98958013959  
 Status : Answered  
 Chosen Option : 3

Q.14 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.



Ans

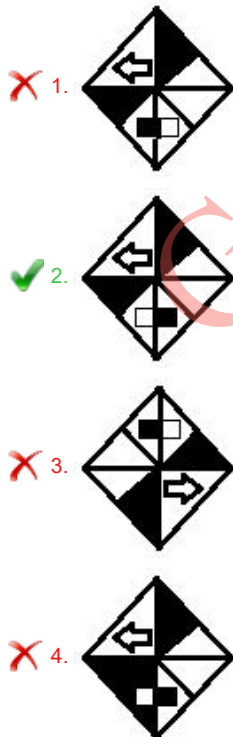


Question ID : 98958013972  
Status : Answered  
Chosen Option : 1

Q.15 Select the correct mirror image of the given figure when a vertical mirror is placed on the right of the figure.



Ans



Question ID : 98958013971  
Status : Answered  
Chosen Option : 2

**Q.16** In a code language, DISTRIBUTION is written as SIDIRTTUBNOI. How will ABBREVIATING be written as in that language?

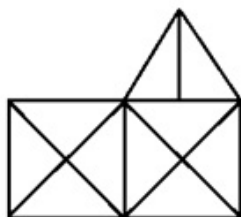
- Ans**
- ☒ 1. BBAVERIATGNI
  - ☒ 2. VERBBAGNITAI
  - ☒ 3. BBAVERTAIGNI
  - ☒ 4. BABRVEAIITGN

Question ID : 98958013955

Status : Answered

Chosen Option : 3

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



- Ans**
- ☒ 1. 21
  - ☒ 2. 23
  - ☒ 3. 19
  - ☒ 4. 20

Question ID : 98958013968

Status : Answered

Chosen Option : 4

**Q.18** Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.

Accident : Injury

- Ans**
- ☒ 1. Infection : Disease
  - ☒ 2. Farmer : Hard-work
  - ☒ 3. Income : Corruption
  - ☒ 4. Police : Fine

Question ID : 98958013954

Status : Answered

Chosen Option : 1

**Q.19** Which two signs should be interchanged to make the following equation correct?

$$18 + 24 - 6 \times 6 \div 3 = 39$$

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

Question ID : 98958013965

Status : Not Answered

Chosen Option : --

**Q.20** 'Similarity' is related to 'Difference' in the same way as 'Transparent' is related to '\_\_\_\_\_'.  
**Ans** ☒ 1. Clear

- ☒ 2. Water
- ☒ 3. Lake
- ☒ 4. Turbid

Question ID : 98958013953  
Status : Answered  
Chosen Option : 4

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

4      3      1

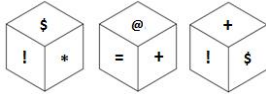
5      4      2

89    43    ?

- Ans ☒ 1. 8
- ☒ 2. 27
- ☒ 3. 5
- ☒ 4. 36

Question ID : 98958013964  
Status : Answered  
Chosen Option : 3

Q.22 Three different positions of the same dice are shown. Which symbol will be on the face opposite to the one having '\*'??



- Ans ☒ 1. \$
- ☒ 2. !
- ☒ 3. +
- ☒ 4. @

Question ID : 98958013969  
Status : Answered  
Chosen Option : 1

Q.23 Select the option that is related to the third number in the same way as the second number is related to the first number.

3 : 30 :: 4 : ?

- Ans ☒ 1. 64
- ☒ 2. 66
- ☒ 3. 70
- ☒ 4. 68

Question ID : 98958013961  
Status : Answered  
Chosen Option : 4

Q.24



Select the missing number from the given options.

35    32    51

28    18    37

?    14    47

Ans

✓ 1. 40

✗ 2. 41

✗ 3. 42

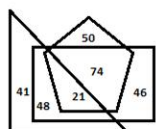
✗ 4. 43

Question ID : 98958013963

Status : Answered

Chosen Option : 1

**Q.25** In the given Venn diagram, the rectangle represents 'women', the pentagon represents 'entrepreneurs' and the triangle represents 'mothers'. The numbers given in the diagram represent the number of persons in that particular category.



How many women are entrepreneurs but NOT mothers?

Ans

✗ 1. 21

✓ 2. 74

✗ 3. 50

✗ 4. 46

Question ID : 98958013973

Status : Answered

Chosen Option : 2

#### Section : General Awareness

**Q.1** Which Indian author wrote the book 'Two Lives'?

Ans

✗ 1. Amitava Ghosh

✗ 2. Chetan Bhagat

✓ 3. Vikram Seth

✗ 4. Amish Tripathi

Question ID : 98958014565

Status : Not Answered

Chosen Option : --

**Q.2** \_\_\_\_\_ gases trap heat in the atmosphere which makes the Earth warmer, causing global warming.

Ans

✗ 1. Compound

✓ 2. Greenhouse

✗ 3. Nobel

✗ 4. Elemental

Question ID : 98958014554

Status : Answered

Chosen Option : 2



**Q.3** Who among the following was the first Chinese to receive the Nobel Prize for literature?

- Ans
- ☒ 1. Liu Cixin
  - ☒ 2. Gao Xingjian
  - ☒ 3. Mo Yan
  - ☒ 4. Lu Xun

Question ID : 98958014566  
Status : Not Answered  
Chosen Option : --

**Q.4** Which team won the Indian Premier League 2018?

- Ans
- ☒ 1. Royal Challengers Bangalore
  - ☒ 2. Chennai Super Kings
  - ☒ 3. Delhi Daredevils
  - ☒ 4. Rajasthan Royals

Question ID : 98958014569  
Status : Answered  
Chosen Option : 2

**Q.5** Bihar Diwas is annually celebrated on \_\_\_\_\_ to commemorate the day Bihar was carved out from the Bengal Presidency.

- Ans
- ☒ 1. 22nd March
  - ☒ 2. 27th March
  - ☒ 3. 17th March
  - ☒ 4. 13th March

Question ID : 98958014573  
Status : Answered  
Chosen Option : 2

**Q.6** In March 2019, the Directorate General of Civil Aviation (DGCA) of India grounded which aircraft due to technical fault?

- Ans
- ☒ 1. Boeing 777 Max 12
  - ☒ 2. Boeing 737 Max 8
  - ☒ 3. Boeing 787 Max 14
  - ☒ 4. Boing 747 Max 9

Question ID : 98958014572  
Status : Not Answered  
Chosen Option : --

**Q.7** Identify the national sport of Sri Lanka.

- Ans
- ☒ 1. Swimming
  - ☒ 2. Volleyball
  - ☒ 3. Cricket
  - ☒ 4. Basketball

Question ID : 98958014550  
Status : Answered  
Chosen Option : 2

**Q.8** Which human body part can well be called the 'chemical factory' of our body?

Ans

- ☒ 1. Kidneys
- ☒ 2. Stomach
- ☒ 3. Liver
- ☒ 4. Lungs

Question ID : 98958014557  
Status : Answered  
Chosen Option : 3

Q.9 A marketplace in which a final good or service is bought and sold is called \_\_\_\_\_.

- Ans
- ☒ 1. Equity Market
  - ☒ 2. Factor Market
  - ☒ 3. Commodity Market
  - ☒ 4. Product Market

Question ID : 98958014552  
Status : Answered  
Chosen Option : 4

Q.10 Opium wars were fought between the British and \_\_\_\_\_.

- Ans
- ☒ 1. China
  - ☒ 2. Bhutan
  - ☒ 3. Myanmar (Burma)
  - ☒ 4. Afghanistan

Question ID : 98958014564  
Status : Not Answered  
Chosen Option : --

Q.11 Rule \_\_\_\_\_ (of the Rules of Procedure and Conduct of Business in Lok Sabha) does NOT involve a formal motion before the Parliament House, hence no voting can take place after discussion on matters under this rule.

- Ans
- ☒ 1. 158
  - ☒ 2. 186
  - ☒ 3. 149
  - ☒ 4. 193

Question ID : 98958014568  
Status : Not Answered  
Chosen Option : --

Q.12 Which country won the South Asian Football Federation (SAFF) Women's Championship in 2019?

- Ans
- ☒ 1. Bhutan
  - ☒ 2. Nepal
  - ☒ 3. India
  - ☒ 4. Pakistan

Question ID : 98958014571  
Status : Answered  
Chosen Option : 3

Q.13 Sir Thomas Roe visited the court of Mughal ruler \_\_\_\_\_ as the ambassador of the King of England.

- Ans
- ☒ 1. Humayun

✓ 2. Jahangir

✗ 3. Shah Jahan

✗ 4. Akbar

Question ID : 98958014561

Status : Answered

Chosen Option : 4

Q.14 Which one of the following is the deepest gorge in the world?

Ans ✓ 1. Kali Gandaki Gorge

✗ 2. Garganta del Cares

✗ 3. Tiger Leaping Gorge

✗ 4. Vikos Gorge

Question ID : 98958014559

Status : Not Answered

Chosen Option : --

Q.15 Both, haemoglobin and myoglobin require \_\_\_\_\_ for formation.

Ans ✗ 1. Calcium

✗ 2. Vitamin B12

✓ 3. Iron

✗ 4. Vitamin A

Question ID : 98958014556

Status : Answered

Chosen Option : 2

Q.16 Nitrous Oxide' is the chemical name of \_\_\_\_\_.

Ans ✓ 1. Laughing Gas

✗ 2. Mosquito Repellent

✗ 3. Tear Gas

✗ 4. Fire Extinguisher

Question ID : 98958014553

Status : Answered

Chosen Option : 3

Q.17 Which of the following is the longest river in Pakistan that originates from Lake Manasarovar?

Ans ✓ 1. Indus

✗ 2. Kabul

✗ 3. Sutlej

✗ 4. Chenab

Question ID : 98958014558

Status : Answered

Chosen Option : 1

Q.18 A scientific study of rocks that deals with their composition, texture and structure; their occurrence and distribution; and their origin in relation to physicochemical conditions is called \_\_\_\_\_.

Ans ✗ 1. Geology

✗ 2. Lithology

☒ 3. Geomorphology

☒ 4. Petrology

Question ID : 98958014555

Status : Answered

Chosen Option : 3

Q.19 British East India Company defeated the Portuguese in the \_\_\_\_\_.

Ans ☒ 1. Battle of Chamkaur

☒ 2. Battle of Suvali

☒ 3. Battle of Plassey

☒ 4. Battle of Buxar

Question ID : 98958014563

Status : Marked For Review

Chosen Option : 2

Q.20 Which country hosted the 2019 Sultan Azlan Shah Cup hockey tournament?

Ans ☒ 1. Singapore

☒ 2. India

☒ 3. China

☒ 4. Malaysia

Question ID : 98958014570

Status : Answered

Chosen Option : 4

Q.21 How many provinces are there in Sri Lanka?

Ans ☒ 1. 9

☒ 2. 6

☒ 3. 8

☒ 4. 11

Question ID : 98958014560

Status : Not Answered

Chosen Option : --

Q.22 In China, 2019 (which starts on 5 February and ends on 24 January) is the year of the \_\_\_\_\_.

Ans ☒ 1. Rat

☒ 2. Pig

☒ 3. Dog

☒ 4. Ox

Question ID : 98958014549

Status : Not Answered

Chosen Option : --

Q.23 A \_\_\_\_\_ is not constrained by prior work.

Ans ☒ 1. joint venture

☒ 2. franchise

☒ 3. strategic alliance

☒ 4. greenfield project

Question ID : 98958014551

Status : Not Answered

Chosen Option : --

Q.24 Tipu Sultan and British East India Company signed the Treaty of Mangalore in the year \_\_\_\_\_.

- Ans
- ☒ 1. 1792
  - ☒ 2. 1784
  - ☒ 3. 1764
  - ☒ 4. 1799

Question ID : 98958014562

Status : Answered

Chosen Option : 3

Q.25 In India, which of the following articles of the Constitution of India provides for the formation of a new state?

- Ans
- ☒ 1. Article 1
  - ☒ 2. Article 3
  - ☒ 3. Article 2
  - ☒ 4. Article 9

Question ID : 98958014567

Status : Answered

Chosen Option : 4

## Section : Quantitative Aptitude

Q.1 If  $a + b + c = 7$  and  $ab + bc + ca = 1$ , then  $a^3 + b^3 + c^3 - 3abc$  is equal to:

- Ans
- ☒ 1. 322
  - ☒ 2. 325
  - ☒ 3. 412
  - ☒ 4. 422

Question ID : 98958013562

Status : Answered

Chosen Option : 1

Q.2  $\sec^2 29^\circ - \cot^2 61^\circ + \sin^2 60^\circ + \operatorname{cosec}^2 30^\circ$  is equal to:

- Ans
- ☒ 1.  $\frac{19}{4}$
  - ☒ 2.  $\frac{23}{4}$
  - ☒ 3.  $\frac{15}{4}$
  - ☒ 4.  $\frac{11}{4}$

Question ID : 98958013569

Status : Answered

Chosen Option : 2

Q.3 If  $\operatorname{cosec} 4\theta = \sec(60^\circ - 2\theta)$ , then  $\theta$  is equal to:

- Ans
- ☒ 1.  $18^\circ$
  - ☒ 2.  $25^\circ$
  - ☒ 3.  $15^\circ$
  - ☒ 4.  $20^\circ$

Question ID : 98958013567  
 Status : Answered  
 Chosen Option : 3

**Q.4** The efficiencies of A, B and C are in the ratio 2 : 5 : 3. Working together, they can complete a task in 9 days. In how many days will C alone complete 40% of that task?

- Ans
- ☒ 1. 14
  - ☒ 2. 16
  - ☒ 3. 15
  - ☒ 4. 12

Question ID : 98958013557  
 Status : Answered  
 Chosen Option : 4

**Q.5** This table shows the percentage of students passing out of five different colleges over three years. It is given that from each college, 200 students appeared every year.

Years	Colleges				
	A	B	C	D	E
2015	68	65	80	92	72
2016	72	68	88	95	75
2017	74	77	92	98	73

What is the approximate percentage increase in the number of students passing out of college B in the year 2017 as compared to the previous year?

- Ans
- ☒ 1. 13.2%
  - ☒ 2. 13.4%
  - ☒ 3. 12.8%
  - ☒ 4. 13%

Question ID : 98958013572  
 Status : Not Answered  
 Chosen Option : --

**Q.6** What is the value of  $x$  so that the seven digit number  $5656x52$  is divisible by 72?

- Ans
- ☒ 1. 5
  - ☒ 2. 4
  - ☒ 3. 7
  - ☒ 4. 8

Question ID : 98958013549  
 Status : Answered  
 Chosen Option : 2

**Q.7** Walking at  $\frac{3}{5}$  of his usual speed, a person reaches his office 20 minutes late than the usual time. His usual time in minutes is:

- Ans
- ☒ 1. 25
  - ☒ 2. 30
  - ☒ 3. 20

✗ 4. 40

Question ID : 98958013558  
 Status : Answered  
 Chosen Option : 2

**Q.8** Two articles are sold for ₹975 each. On one, the seller gains 30% and on the other, he loses 25%. What is the overall gain or loss percentage, correct to one decimal place?

- Ans**
- ✓ 1. 4.9% loss
  - ✗ 2. 5.3% gain
  - ✗ 3. 4.9% gain
  - ✗ 4. 5.1% loss

Question ID : 98958013554  
 Status : Answered  
 Chosen Option : 2

**Q.9** If  $12\sin \theta = 5 \cos \theta$ , then  $\sin \theta + \cos \theta - \cot \theta$  is equal to:

- Ans**
- ✗ 1.  $\frac{139}{156}$
  - ✓ 2.  $-\frac{71}{65}$
  - ✗ 3.  $\frac{116}{156}$
  - ✗ 4.  $-\frac{16}{65}$

Question ID : 98958013568  
 Status : Answered  
 Chosen Option : 2

**Q.10** This table shows the percentage of students passing out of five different colleges over three years. It is given that from each college, 200 students appeared every year.

Years	Colleges				
	A	B	C	D	E
2015	68	65	80	92	72
2016	72	68	88	95	75
2017	74	77	92	98	73

In which college the average percentage of passing students over the given three years is the least?

- Ans**
- ✗ 1. E
  - ✓ 2. B
  - ✗ 3. F
  - ✗ 4. A

Question ID : 98958013571  
 Status : Answered  
 Chosen Option : 2

**Q.11** The price of sugar is increased by 24%. A person wants to increase his expenditure by 18% only. By approximately what percent should he decrease his consumption?

- Ans**
- ✗ 1. 4.6%
  - ✗ 2. 5.1%



✓ 3. 4.8%

✗ 4. 5.3%

Question ID : 98958013553

Status : Answered

Chosen Option : 3

Q.12  $\triangle ABC \sim \triangle EDF$  and  $\text{ar}(\triangle ABC) : \text{ar}(\triangle DEF) = 4 : 9$ . If  $AB = 6$  cm,  $BC = 8$  cm and  $AC = 10$  cm, then  $DF$  is equal to:

Ans ✗ 1. 18 cm

✗ 2. 9 cm

✗ 3. 15 cm

✓ 4. 12 cm

Question ID : 98958013566

Status : Answered

Chosen Option : 4

Q.13 In a class of 40 students, 60% are girls. The average of the girls' marks is 72 and that of the boys is 54. What are the average marks of the whole class?

Ans ✗ 1. 65.4

✗ 2. 65

✓ 3. 64.8

✗ 4. 65.2

Question ID : 98958013551

Status : Answered

Chosen Option : 3

Q.14 This table shows the percentage of students passing out of five different colleges over three years. It is given that from each college, 200 students appeared every year.

Years	Colleges				
	A	B	C	D	E
2015	68	65	80	92	72
2016	72	68	88	95	75
2017	74	77	92	98	73

What is the ratio of the number of students passing to those failing from college E in the year 2015?

Ans ✗ 1. 4 : 3

✓ 2. 18 : 7

✗ 3. 9 : 5

✗ 4. 17 : 7

Question ID : 98958013570

Status : Answered

Chosen Option : 2

Q.15 The value of:

$$108 \div 36 \times 4 + 2.5 \times 4 \div 0.5 - 10$$

Ans ✗ 1. 18

✗ 2. 16

✓ 3. 22

✗ 4. 20

Question ID : 98958013550

Status : Answered

Chosen Option : 3

**Q.16** In a circle with centre O, an arc ABC subtends an angle of  $140^\circ$  at the centre of the circle. The chord AB is produced to point P. Then  $\angle CBP$  is equal to:

- Ans
- ☒ 1.  $40^\circ$
  - ☒ 2.  $70^\circ$
  - ☒ 3.  $80^\circ$
  - ☒ 4.  $50^\circ$

Question ID : 98958013564

Status : Not Answered

Chosen Option : --

**Q.17** If  $a : b = 2 : 5$ ,  $c : b = 3 : 4$ , then  $a : b : c$  is equal to:

- Ans
- ☒ 1.  $6 : 15 : 20$
  - ☒ 2.  $8 : 20 : 15$
  - ☒ 3.  $2 : 5 : 4$
  - ☒ 4.  $2 : 5 : 3$

Question ID : 98958013555

Status : Answered

Chosen Option : 2

**Q.18** In  $\triangle ABC$ , P is a point on BC such the  $BP : PC = 4 : 3$  and Q is the midpoint of BP. Then  $\text{ar}(\triangle BQ) : \text{ar}(\triangle ACB)$  is equal to:

- Ans
- ☒ 1.  $1 : 5$
  - ☒ 2.  $2 : 7$
  - ☒ 3.  $3 : 7$
  - ☒ 4.  $4 : 7$

Question ID : 98958013565

Status : Answered

Chosen Option : 2

**Q.19** The difference between the compound interest and simple interest on ₹x at 7% per annum for 2 years is ₹24.50. What is the value of x?

- Ans
- ☒ 1. 5,400
  - ☒ 2. 4,800
  - ☒ 3. 5,000
  - ☒ 4. 6,000

Question ID : 98958013556

Status : Answered

Chosen Option : 3

**Q.20** An article is sold for ₹612 after successive discounts of 25% and x%. If the marked price of the article is ₹960, what is the value of x?

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

Question ID : 98958013552

Status : **Answered**  
Chosen Option : 4

Q.21 If  $a - b = 5$  and  $ab = 2$ , then  $a^3 - b^3$  is equal to:

- Ans ☒ 1. 95  
☒ 2. 155  
☒ 3. 145  
☒ 4. 125

Question ID : 98958013560  
Status : **Answered**  
Chosen Option : 2

Q.22 This table shows the percentage of students passing out of five different colleges over three years. It is given that from each college, 200 students appeared every year.

Years	Colleges				
	A	B	C	D	E
2015	68	65	80	92	72
2016	72	68	88	95	75
2017	74	77	92	98	73

If the number of passed out students of all five colleges is represented by a pie chart, what is the central angle (to nearest whole number) of the sector representing the passed out students of college C?

- Ans ☒ 1.  $69^\circ$   
☒ 2.  $79^\circ$   
☒ 3.  $77^\circ$   
☒ 4.  $67^\circ$

Question ID : 98958013573  
Status : **Not Answered**  
Chosen Option : --

Q.23 If  $\sqrt{x} - \frac{1}{\sqrt{x}} = 3\sqrt{2}$ , then  $x^2 + \frac{1}{x^2}$  is equal to:

- Ans ☒ 1. 402  
☒ 2. 324  
☒ 3. 326  
☒ 4. 398

Question ID : 98958013561  
Status : **Answered**  
Chosen Option : 1

Q.24 A sphere of radius 4 cm is melted and recast into smaller spheres of radii 2 cm each. How many such spheres can be made?

- Ans ☒ 1. 4  
☒ 2. 8  
☒ 3. 32  
☒ 4. 16

Question ID : 98958013559  
Status : **Answered**  
Chosen Option : 2

**Q.25** In a circle of radius 13 cm, a chord is at a distance of 12 cm from the centre of the circle. What is the length of the chord?

- Ans
- ☒ 1. 5 cm
  - ☒ 2. 7 cm
  - ☒ 3. 9 cm
  - ☒ 4. 10 cm

Question ID : 98958013563

Status : Answered

Chosen Option : 4

Section : English Comprehension

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

There is many modes of travel to go to Agra but I prefer road travel.

- Ans
- ☒ 1. prefer road travel.
  - ☒ 2. Agra but I
  - ☒ 3. to go to
  - ☒ 4. There is many modes

Question ID : 98958012850

Status : Answered

Chosen Option : 4

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

Raju was playing with fire when he made speeches against the management.

- Ans
- ☒ 1. taking a grave risk
  - ☒ 2. lighting candles
  - ☒ 3. smoking a cigarette
  - ☒ 4. provoking the crowd

Question ID : 98958012869

Status : Answered

Chosen Option : 1

**Q.3** Select the word which means the same as the group of words given.

One who does not tire easily

- Ans
- ☒ 1. indefatigable
  - ☒ 2. inflatable
  - ☒ 3. indelible
  - ☒ 4. indestructible

Question ID : 98958012871

Status : Answered

Chosen Option : 1

**Q.4** Select the most appropriate antonym of the given word.

SCANTY

- Ans
- ☒ 1. small
  - ☒ 2. concise
  - ☒ 3. profuse
  - ☒ 4. precise

Question ID : 98958012866

Status : Answered

Chosen Option : 3

Q.5 Select the correct passive form of the given sentence.

They opened a new mall nearby last month.

- Ans
- ☒ 1. A new mall can be open nearby last month.
  - ☒ 2. A new mall was opened nearby last month.
  - ☒ 3. Nearby a new mall is opened last month.
  - ☒ 4. A new mall will be opened nearby last month.

Question ID : 98958012852

Status : Answered

Chosen Option : 2

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

- A. When we can't laugh at the same joke again, why should we cry over the same problems?
- B. One day he told them a joke and everyone roared with laughter.
- C. People came to a wise man to complain about the same problems every time.
- D. When he repeated the joke twice, nobody laughed anymore.

- Ans
- ☒ 1. DBCA
  - ☒ 2. BACD
  - ☒ 3. ADBC
  - ☒ 4. CBDA

Question ID : 98958012863

Status : Answered

Chosen Option : 4

Q.7 Select the correctly spelt word.

- Ans
- ☒ 1. luxury
  - ☒ 2. luxry
  - ☒ 3. lugzury
  - ☒ 4. luxery

Question ID : 98958012872

Status : Answered

Chosen Option : 1

Q.8 Select the most appropriate synonym of the given word.

ADEPT

- Ans
- ☒ 1. skilled
  - ☒ 2. kind-hearted
  - ☒ 3. alone
  - ☒ 4. unknown

Question ID : 98958012864

Status : Answered

Chosen Option : 1

Q.9 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. The market which has remained clogged with vehicles was all clear for pedestrians.
- B. The road has even been marked with stripes demarcating space for hawkers.

C. It is also lined with beautiful potted plants to give it a green look.  
D. Visitors to the busy Karol Bagh market in Delhi were in for a surprise.

- Ans
- ☒ 1. DCBA
  - ☒ 2. DABC
  - ☒ 3. ADBC
  - ☒ 4. BDAC

Question ID : 98958012862  
Status : Answered  
Chosen Option : 3

Q.10 Select the most appropriate meaning of the underlined idiom in the given sentence.

The authorities have turned a deaf ear to all our requests.

- Ans
- ☒ 1. acknowledged
  - ☒ 2. neglected
  - ☒ 3. accepted
  - ☒ 4. presented

Question ID : 98958012868  
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.

He remembers the first time he saw the elephant. "This was in 2007 at a (1) \_\_\_\_\_ called Thanni Paarai. Chinna Thambi was (2) \_\_\_\_\_ water on himself at a waterbody. The (3) \_\_\_\_\_ was green; not the kind people would drink," says Abraham. "After a nice shower, the elephant walked (4) \_\_\_\_\_ to a rock, lifted it, and drank from a (5) \_\_\_\_\_ under it."

SubQuestion No : 11

Q.11 Select the most appropriate option to fill in blank No.(1)

- Ans
- ☒ 1. place
  - ☒ 2. shop
  - ☒ 3. street
  - ☒ 4. market

Question ID : 98958012857  
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.

He remembers the first time he saw the elephant. "This was in 2007 at a (1) \_\_\_\_\_ called Thanni Paarai. Chinna Thambi was (2) \_\_\_\_\_ water on himself at a waterbody. The (3) \_\_\_\_\_ was green; not the kind people would drink," says Abraham. "After a nice shower, the elephant walked (4) \_\_\_\_\_ to a rock, lifted it, and drank from a (5) \_\_\_\_\_ under it."

SubQuestion No : 12

Q.12 Select the most appropriate option to fill in blank No.(2)

- Ans
- ☒ 1. raining
  - ☒ 2. wetting
  - ☒ 3. sprinkling
  - ☒ 4. sparkling

Question ID : 98958012858  
Status : Answered

**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.

He remembers the first time he saw the elephant. "This was in 2007 at a (1) \_\_\_\_\_ called Thanni Paarai. Chinna Thambi was (2) \_\_\_\_\_ water on himself at a waterbody. The (3) \_\_\_\_\_ was green; not the kind people would drink," says Abraham. "After a nice shower, the elephant walked (4) \_\_\_\_\_ to a rock, lifted it, and drank from a (5) \_\_\_\_\_ under it."

**SubQuestion No : 13**

**Q.13 Select the most appropriate option to fill in blank No.(3)**

- Ans ☒ 1. leaf  
☒ 2. flower  
☒ 3. water  
☒ 4. milk

Question ID : 98958012859

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.

He remembers the first time he saw the elephant. "This was in 2007 at a (1) \_\_\_\_\_ called Thanni Paarai. Chinna Thambi was (2) \_\_\_\_\_ water on himself at a waterbody. The (3) \_\_\_\_\_ was green; not the kind people would drink," says Abraham. "After a nice shower, the elephant walked (4) \_\_\_\_\_ to a rock, lifted it, and drank from a (5) \_\_\_\_\_ under it."

**SubQuestion No : 14**

**Q.14 Select the most appropriate option to fill in blank No.(4)**

- Ans ☒ 1. behind  
☒ 2. over  
☒ 3. above  
☒ 4. near

Question ID : 98958012860

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.

He remembers the first time he saw the elephant. "This was in 2007 at a (1) \_\_\_\_\_ called Thanni Paarai. Chinna Thambi was (2) \_\_\_\_\_ water on himself at a waterbody. The (3) \_\_\_\_\_ was green; not the kind people would drink," says Abraham. "After a nice shower, the elephant walked (4) \_\_\_\_\_ to a rock, lifted it, and drank from a (5) \_\_\_\_\_ under it."

**SubQuestion No : 15**

**Q.15 Select the most appropriate option to fill in blank No.(5)**

- Ans ☒ 1. tank  
☒ 2. spring  
☒ 3. tap  
☒ 4. pond

Question ID : 98958012861

Status : Answered

Chosen Option : 1

**Q.16 Select the correctly spelt word.**

Ans



- ☒ 1. repitition
- ☒ 2. aggrravate
- ☒ 3. accomplish
- ☒ 4. hieghten

Question ID : 98958012873  
Status : Answered  
Chosen Option : 3

Q.17 Select the most appropriate synonym of the given word.

INITIATE

- Ans
- ☒ 1. sign
  - ☒ 2. slow
  - ☒ 3. start
  - ☒ 4. show

Question ID : 98958012865  
Status : Answered  
Chosen Option : 3

Q.18 Select the correct active form of the given sentence.

By whom were you taught Mathematics?

- Ans
- ☒ 1. Who taught you Mathematics?
  - ☒ 2. Who teaching you Mathematics?
  - ☒ 3. Who will teach you Mathematics?
  - ☒ 4. Whom are you teaching Mathematics?

Question ID : 98958012853  
Status : Answered  
Chosen Option : 1

Q.19 Select the most appropriate option to substitute the underlined segment in the given sentence.

If no substitution is required, select No improvement.

When we went to the cinema yesterday, the film had already start.

- Ans
- ☒ 1. the film was already start.
  - ☒ 2. the film had already started.
  - ☒ 3. No improvement
  - ☒ 4. the film have already start.

Question ID : 98958012855  
Status : Answered  
Chosen Option : 2

Q.20 Select the most appropriate antonym of the given word.

PROLONG

- Ans
- ☒ 1. prevent
  - ☒ 2. shorten
  - ☒ 3. allow
  - ☒ 4. increase

Question ID : 98958012867

Status : **Answered**  
Chosen Option : 2

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

Incapable of being read

- Ans
- ☒ 1. unseen
  - ☒ 2. eligible
  - ☒ 3. illegible
  - ☒ 4. vague

Question ID : 98958012870  
Status : **Answered**  
Chosen Option : 3

Q.22 Select the most appropriate option to fill in the blank.

Following detailed deliberations, the meeting has been \_\_\_\_\_ till next week

- Ans
- ☒ 1. proposed
  - ☒ 2. adjourned
  - ☒ 3. reviewed
  - ☒ 4. cancelled

Question ID : 98958012874  
Status : **Answered**  
Chosen Option : 2

Q.23 In the sentence identify the segment which contains the grammatical error.

Having just taking a heavy lunch, she was not ready to have any fruit.

- Ans
- ☒ 1. to have any fruit.
  - ☒ 2. taking a heavy
  - ☒ 3. Having just
  - ☒ 4. she was not ready

Question ID : 98958012851  
Status : **Answered**  
Chosen Option : 3

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

Hima Das, the reigning world junior sprinter who \_\_\_\_\_ the national record, won the gold in the Federation Cup.

- Ans
- ☒ 1. holds
  - ☒ 2. keeps
  - ☒ 3. plays
  - ☒ 4. gets




Question ID : 98958012875  
Status : **Answered**  
Chosen Option : 1

Q.25 Select the most appropriate option to substitute the underlined segment in the given sentence.

If no substitution is required, select No improvement.

I am think that tomorrow I will take leave and stay at home.

- Ans
- ☒ 1. I have thought that tomorrow I am taking

-  2. No improvement
-  3. I think that tomorrow I will take
-  4. I was thinking that the next day I will be taking

Question ID : **98958012854**  
Status : **Answered**  
Chosen Option : **3**

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