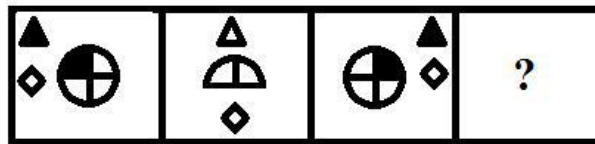


# Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	05/03/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE Tier I

## Section : General Intelligence and Reasoning

Q.1 Select the figure that can replace the question mark (?) in the following series.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 123568232

Status : Answered

Chosen Option : 1

Q.2 In a certain code language, 'FASTER' is written as 'CDPQHO'. How will 'VIOLIN' be written as in that language?

Ans

✓ 1. SLRILK

✗ 2. SLIRLM

✗ 3. RLTILK

✗ 4. SKIRKO

Question ID : 123568220

Status : Answered

Chosen Option : 1

# Test Prime

**ALL EXAMS,  
ONE SUBSCRIPTION**



**70,000+**  
Mock Tests



**Personalised  
Report Card**



**Unlimited  
Re-Attempt**



**600+**  
Exam Covered



**Previous Year  
Papers**



**500%  
Refund**



**ATTEMPT FREE MOCK NOW**

Q.3 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

42	37	?
18	24	36
252	296	540

- Ans
- ☒ 1. 55
  - ☒ 2. 45
  - ☒ 3. 50
  - ☒ 4. 40

Question ID : 123568229

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans
- ☒ 1. ORUX
  - ☒ 2. JMPS
  - ☒ 3. PSVX
  - ☒ 4. ZCFI

Question ID : 123568216

Status : Answered

Chosen Option : 3

Q.5 A + B means 'A is the mother of B';

A - B means 'A is the brother of B';

A × B means 'A is the father of B';

A ÷ B means 'A is the daughter of B'.

If, P - K × Y - J ÷ S + R, then which of the following statements is NOT correct?

- Ans
- ☒ 1. K is husband of S.
  - ☒ 2. Y is son of S.
  - ☒ 3. J is daughter of P.
  - ☒ 4. P is paternal uncle of R.

Question ID : 123568223

Status : Answered

Chosen Option : 3

Q.6 Select the number that can replace the question mark (?) in the following series.

45, 47, 53, 65, 85, ?

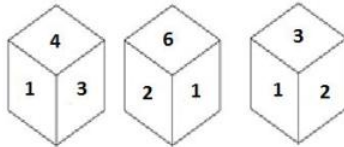
- Ans
- ☒ 1. 105
  - ☒ 2. 115
  - ☒ 3. 130
  - ☒ 4. 145

Question ID : 123568225

Status : Answered

Chosen Option : 2

Q.7 Three different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '6'.



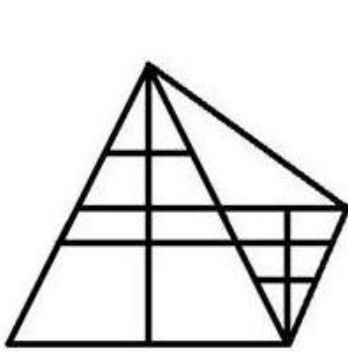
- Ans
- ☒ 1. 2
  - ☒ 2. 4
  - ☒ 3. 5
  - ☒ 4. 3

Question ID : 123568234

Status : Answered

Chosen Option : 2

Q.8 How many triangles are there in the given figure?



- Ans
- ☒ 1. 27
  - ☒ 2. 24
  - ☒ 3. 25
  - ☒ 4. 26

Question ID : 123568233

Status : Answered

Chosen Option : 4

Q.9 'Criticise' is related to 'Condemn' in the same way as 'Solidarity' is related to '\_\_\_\_\_ '.

- Ans
- ☒ 1. Prosperity
  - ☒ 2. Atrocious
  - ☒ 3. Guilty
  - ☒ 4. Unity

Question ID : 123568218

Status : Answered

Chosen Option : 4

**Q.10** Which two signs and two numbers should be interchanged to make the given equation correct?

$$28 - 32 \div 2 \times 8 + 34 = 132$$

- Ans**
- ☒ 1.  $\times$  and  $-$  ; 32 and 34
  - ☒ 2.  $+$  and  $-$  ; 28 and 32
  - ☒ 3.  $\times$  and  $-$  ; 8 and 2
  - ☒ 4.  $+$  and  $-$  ; 32 and 34

Question ID : 123568230

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.11** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

- 1. No bottle is a pen.
- 2. All jugs are bottles.

**Conclusions:**

- I. Some jugs are pens.
- II. No jug is pen.
- III. Some bottles are jugs.

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

Question ID : 123568224

Status : Answered

Chosen Option : 3

**Q.12** Select the option in which the words share the same relationship as that shared by the given pair of words.

Player : Team

- Ans**
- ☒ 1. Flower : Bouquet
  - ☒ 2. Purpose : Crowd
  - ☒ 3. Ant : Bee
  - ☒ 4. Student : Teacher

Question ID : 123568219

Status : Answered

Chosen Option : 1

**Q.13** In a class of 100 students, every student has passed in one or more of the three subjects, i.e. History, Economics and English. Among all the students, 24 students have passed in English only, 14 students have passed in History only, 11 students have passed in both English and Economics only, and 12 students have passed in both English and History only. A total of 50 students have passed in History. If only 5 students have passed in all three subjects, then how many students have passed in Economics only?

- Ans**
- ☒ 1. 18
  - ☒ 2. 10
  - ☒ 3. 20
  - ☒ 4. 15

Question ID : 123568231

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.14** In a certain code language, 'AUSTERE' is coded as '13102595'. How will 'SETTING' be coded as in that language?

- Ans**
- ☒ 1. 11522867
  - ☒ 2. 10522957
  - ☒ 3. 11544957
  - ☒ 4. 10522948

Question ID : 123568221

Status : **Answered**

Chosen Option : 1

**Q.15** Select the letter that can replace the question mark (?) in the following series.

A, T, E, U, I, V, O, W, ?, X

- Ans**
- ☒ 1. R
  - ☒ 2. U
  - ☒ 3. M
  - ☒ 4. Z

Question ID : 123568214

Status : **Answered**

Chosen Option : 2

**Q.16** Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

- Ans**
- ☒ 1. Pancreas
  - ☒ 2. Kidney
  - ☒ 3. Renin
  - ☒ 4. Liver

Question ID : 123568217

Status : **Answered**

Chosen Option : 3



Q.17 Select the correct mirror image of the given figure when a vertical mirror is placed on the right side of the figure.



Ans



Question ID : 123568236

Status : Answered

Chosen Option : 1

Q.18 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(8, 7, 407)

Ans ✗ 1. (12, 8, 555)

✗ 2. (10, 8, 576)

✗ 3. (11, 12, 450)

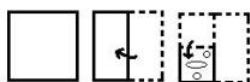
✓ 4. (9, 6, 297)

Question ID : 123568228

Status : Not Attempted and  
Marked For Review

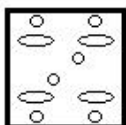
Chosen Option : --

**Q.19** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

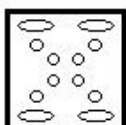


Ans

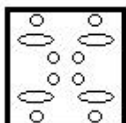
✗ 1.



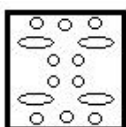
✗ 2.



✓ 3.



✗ 4.



Question ID : 123568237

Status : Answered

Chosen Option : 3



Q.20 Select the option in which the given figure X is embedded (rotation is not allowed).

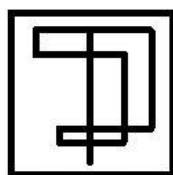


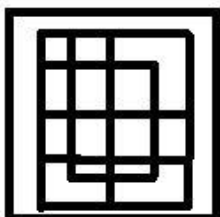
Figure X

Ans

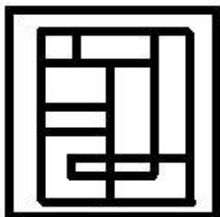
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 123568235

Status : Answered

Chosen Option : 3

Q.21 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

Ans ✗ 1. 4209 : 15

✗ 2. 7456 : 22

✓ 3. 5121 : 12

✗ 4. 8101 : 10

Question ID : 123568227

Status : Answered

Chosen Option : 3

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.

13 : 109 :: 24 : ?

- Ans
- ☒ 1. 194
  - ☒ 2. 201
  - ☒ 3. 216
  - ☒ 4. 197




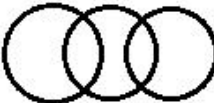
Question ID : 123568226

Status : Answered

Chosen Option : 1

Q.23 Which of the following Venn diagrams best represents the relationship between the following classes?

Cricketers, Players, Human beings

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

Question ID : 123568238

Status : Answered

Chosen Option : 2

Q.24 Select the letter-cluster that can replace the question mark (?) in the following series.

TULG, WRPC, ZOTY, CLXU, ?

- Ans
- ☒ 1. FIBQ
  - ☒ 2. FICR
  - ☒ 3. FJCQ
  - ☒ 4. GIAQ

Question ID : 123568222

Status : Answered

Chosen Option : 1

Q.25 Arrange the following words in a logical and meaningful order.

1. Colonel
2. Field Marshal
3. Brigadier
4. Lieutenant
5. General

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

Question ID : 123568215  
 Status : Answered  
 Chosen Option : 2

Section : General Awareness

Q.1 In which of the following cities is the tomb of Rani of Jhansi situated?

Ans ☒ 1. Gwalior  
☒ 2. Jabalpur  
☒ 3. Indore  
☒ 4. Ujjain

Question ID : 123568251  
 Status : Answered  
 Chosen Option : 1

Q.2 In which of the following states was the 12th naval exercise 'Naseem-Al-Bahr' between India and Oman held?

Ans ☒ 1. Goa  
☒ 2. Gujarat  
☒ 3. Kerala  
☒ 4. Tamilnadu

Question ID : 123568263  
 Status : Answered  
 Chosen Option : 1

Q.3 Which of the following is used as a substitute of mercury in thermometers?

Ans ☒ 1. Arsenic  
☒ 2. Galinstan  
☒ 3. Selenium  
☒ 4. Bromine

Question ID : 123568244  
 Status : Not Answered  
 Chosen Option : --

Q.4 In memory of whom is the Madhavpur Mela of Gujarat celebrated?

- Ans
- ☒ 1. Lord Shiva and Parvati
  - ☒ 2. Lord Krishna and Rukmini
  - ☒ 3. Lord Krishna and Radha
  - ☒ 4. Lord Krishna and Draupadi

Question ID : 123568239  
Status : Not Answered  
Chosen Option : --

Q.5 Berach River, a southern-side tributary of Banas River, originates from the hills in which of the following districts of Rajasthan?

- Ans
- ☒ 1. Bharatpur
  - ☒ 2. Jaisalmer
  - ☒ 3. Bikaner
  - ☒ 4. Udaipur

Question ID : 123568250  
Status : Not Answered  
Chosen Option : --

Q.6 According to data available as of 2019, how many national parks are situated in India?

- Ans
- ☒ 1. 140
  - ☒ 2. 115
  - ☒ 3. 104
  - ☒ 4. 131

Question ID : 123568249  
Status : Answered  
Chosen Option : 4

Q.7 Who among the following is the chairman of the 15th Finance Commission of India?

- Ans
- ☒ 1. Ramesh Chand
  - ☒ 2. Subhash Chandra Garg
  - ☒ 3. NK Singh
  - ☒ 4. Arvind Mehta

Question ID : 123568242  
Status : Not Answered  
Chosen Option : --

Q.8 Who was honoured with the 1st recipient of the Muppavarapu National Award for Social Service at Hyderabad on 9th January 2020?

- Ans
- ☒ 1. Dr. Gutta Muniratnam
  - ☒ 2. Dr. Mankombu Sambasivan Swaminathan
  - ☒ 3. Chandra Pal Singh Yadav
  - ☒ 4. Uttam Prakash Agarwal

www.exammix.com

Question ID : 123568255  
Status : Not Answered  
Chosen Option : --

Q.9 Which of the following Viceroys of India addressed the Bengal famine of 1943 by ordering the army to distribute relief supplies to the starving rural Bengalis?

- Ans
- ☐ 1. Lord Mountbatten
  - ☐ 2. Lord Wavell
  - ☐ 3. Lord Willington
  - ☒ 4. Lord Linlithgow

Question ID : 123568254

Status : Not Answered

Chosen Option : --

Q.10 Which of the following authorities launched PPRTMS (Political Parties Registration Tracking Management System)?

- Ans
- ☐ 1. National Human Rights Commission
  - ☐ 2. The Supreme Court
  - ☐ 3. The Union Public Service Commission
  - ☒ 4. Election Commission of India

Question ID : 123568257

Status : Answered

Chosen Option : 4

Q.11 Who among the following scientists invented the Cotton Gin?

- Ans
- ☐ 1. Sonny Perdue
  - ☐ 2. Norman Borlaugh
  - ☒ 3. Eli Whitney
  - ☐ 4. George Washington Carver

Question ID : 123568245

Status : Not Answered

Chosen Option : --

Q.12 Which of the following academies organise the Tansen Sangeet Samaroh in Gwalior?

- Ans
- ☐ 1. Ravindra Jain Sangeet Academy
  - ☐ 2. Renuka Sangeet Academy
  - ☐ 3. Muntirama Sangeet Academy
  - ☒ 4. Ustad Alauddin Khan Kala Evam Sangeet Academy

Question ID : 123568240

Status : Answered

Chosen Option : 1

Q.13 Who among the following Indian weightlifters has been banned for four years by NADA after being found guilty of a doping violation during the 34th Women Senior National Weightlifting Championship held at Vishakhapatnam?

- Ans
- ☐ 1. Satheesha Rai
  - ☐ 2. Seema
  - ☒ 3. Sarbjeet Kaur
  - ☐ 4. Sanamacha Thingbaijani Chanu

Question ID : 123568260

Status : Answered

Chosen Option : 3

Q.14 The International Naval event 'Milan' is scheduled to be held in \_\_\_\_\_ in March 2020.

- Ans ☒ 1. Visakhapatnam  
☐ 2. Kochi  
☐ 3. Mumbai  
☐ 4. Kolkata

Question ID : 123568261  
Status : Answered  
Chosen Option : 1

Q.15 What is the ranking of India in the World Economic Forums (WEF)'s World Travel, Tourism Competitiveness Index for the year 2019?

- Ans ☐ 1. 31  
☐ 2. 37  
☐ 3. 39  
☒ 4. 34

Question ID : 123568262  
Status : Answered  
Chosen Option : 2

Q.16 Which of the following acids is NOT present in grapes?

- Ans ☐ 1. Malic acid  
☒ 2. Acetic acid  
☐ 3. Tartaric acid  
☐ 4. Citric acid

Question ID : 123568247  
Status : Answered  
Chosen Option : 3

Q.17 Who among the following founded the Bombay Stock Exchange?

- Ans ☐ 1. Ashiskumar Chauhan  
☐ 2. Roychand Deepchand  
☒ 3. Premchand Roychand  
☐ 4. Vikramjit Sen

Question ID : 123568241  
Status : Not Answered  
Chosen Option : --

Q.18 Which of the following is also known as Epsom salt?

- Ans ☐ 1. Sodium Sulphate  
☒ 2. Magnesium Sulphate  
☐ 3. Calcium Sulphate  
☐ 4. Ferrous Sulphate

Question ID : 123568243  
Status : Not Answered  
Chosen Option : --

Q.19 How many national highways were merged to form National Highway 44 (NH 44)?

- Ans ☒ 1. 7  
☒ 2. 4  
☒ 3. 6  
☒ 4. 5

Question ID : 123568248  
 Status : Answered  
 Chosen Option : 3

Q.20 Who among the following conceived the Kakori train robbery in 1925?

- Ans ☒ 1. Baikuntha Shukla  
☒ 2. Manmath Nath Gupta and Matangini Hazra  
☒ 3. Ram Prasad Bismil and Ashfaqullah Khan  
☒ 4. Ubaidullah Sindhi

Question ID : 123568253  
 Status : Not Answered  
 Chosen Option : --

Q.21 In which of the following years was the Congress Socialist Party (CSP) founded?

- Ans ☒ 1. 1934  
☒ 2. 1914  
☒ 3. 1943  
☒ 4. 1924

Question ID : 123568252  
 Status : Answered  
 Chosen Option : 1

Q.22 Under which Article of the Indian Constitution are special provisions provided to language spoken in a section of the population?

- Ans ☒ 1. Article 347  
☒ 2. Article 357  
☒ 3. Article 337  
☒ 4. Article 374

Question ID : 123568258  
 Status : Not Answered  
 Chosen Option : --

Q.23 Who among the following has been appointed as Director of National Book Trust on 11th January 2020?

- Ans ☒ 1. Gobinde Prashad Sharma  
☒ 2. Leela Samson  
☒ 3. Lt Col Yuvraj Malik  
☒ 4. Rita Chowdhury

Question ID : 123568256  
 Status : Answered  
 Chosen Option : 3



Q.24 Which of the following is used to control pest fish?

- Ans
- ☐ 1. Predicides
  - ☐ 2. Ovicides
  - ☐ 3. Herbicides
  - ☒ 4. Piscicides

Question ID : 123568246  
Status : Answered  
Chosen Option : 4

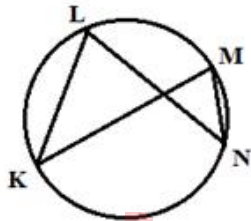
Q.25 Which of the following companies has roped in cricketer Harbhajan Singh as its brand ambassador in 2019?

- Ans
- ☒ 1. Brune & Bareskin
  - ☐ 2. PUMA
  - ☐ 3. Reebok
  - ☐ 4. TAFE

Question ID : 123568259  
Status : Answered  
Chosen Option : 1

#### Section : Quantitative Aptitude

Q.1 In the given figure, if  $\angle KLN = 58^\circ$ , then  $\angle KMN = ?$



- Ans
- ☐ 1.  $42^\circ$
  - ☐ 2.  $32^\circ$
  - ☒ 3.  $58^\circ$
  - ☐ 4.  $26^\circ$

Question ID : 123568278  
Status : Answered  
Chosen Option : 3

Q.2 If  $x - \frac{1}{x} = 11$ , then  $x^3 - \frac{1}{x^3}$  is:

- Ans
- ☐ 1. 1474
  - ☐ 2. 1188
  - ☒ 3. 1364
  - ☐ 4. 1298

Question ID : 123568277  
Status : Answered  
Chosen Option : 4

**Q.3** The distance between two stations, A and B, is 428 km. A train starts from station 'A' at 6:00 a.m. and moves towards station 'B' at an average speed of 48 km/h. Another train starts from station 'B' at 6:20 a.m. and moves towards station 'A' at an average speed of 55 km/h. At what time will the trains meet?

- Ans**
- ☒ 1. 10:00 a.m.
  - ☒ 2. 10:40 a.m.
  - ☒ 3. 9:40 a.m.
  - ☒ 4. 10:20 a.m.

Question ID : 123568273

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.4** A certain amount is divided among Sunita, Amit and Vibha in the ratio of 2 : 3 : 4. If Vibha gets ₹14,416, then the total amount is:

- Ans**
- ☒ 1. ₹16,219
  - ☒ 2. ₹32,436
  - ☒ 3. ₹3,604
  - ☒ 4. ₹43,248

Question ID : 123568270

Status : **Answered**

Chosen Option : 2

**Q.5**  $(a + b + c - d)^2 - (a - b - c + d)^2 = ?$

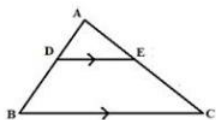
- Ans**
- ☒ 1.  $2a(b + c + d)$
  - ☒ 2.  $4a(b + c - d)$
  - ☒ 3.  $2a(b + c - d)$
  - ☒ 4.  $4a(b + c + d)$

Question ID : 123568275

Status : **Answered**

Chosen Option : 2

**Q.6** In the given figure, if  $DE \parallel BC$ ,  $AD = 2.5$  cm,  $DB = 3.5$  cm and  $EC = 4.2$  cm, then the measure of AC is:



- Ans**
- ☒ 1. 7.2 cm
  - ☒ 2. 3.2 cm
  - ☒ 3. 7.4 cm
  - ☒ 4. 3 cm

Question ID : 123568281

Status : **Answered**

Chosen Option : 1

Q.7 The following table shows the number of students enrolled in different faculties in a college.

Science		Arts		Commerce		Vocational	
Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys
32	18	28	45	42	42	13	30

The percentage of students studying in faculties other than Science is:

- Ans
- ☒ 1. 80%
  - ☐ 2. 60%
  - ☐ 3. 20%
  - ☐ 4. 75%

Question ID : 123568288  
Status : Answered  
Chosen Option : 1

Q.8 The perimeter of a square is 64 cm. Its area will be:

- Ans
- ☐ 1.  $128 \text{ cm}^2$
  - ☒ 2.  $256 \text{ cm}^2$
  - ☐ 3.  $32 \text{ cm}^2$
  - ☐ 4.  $8 \text{ cm}^2$

Question ID : 123568274  
Status : Answered  
Chosen Option : 2

Q.9 If angles of a triangle are in the ratio of 2 : 3 : 4, then the measure of the smallest angle is:

- Ans
- ☐ 1.  $20^\circ$
  - ☐ 2.  $30^\circ$
  - ☒ 3.  $40^\circ$
  - ☐ 4.  $50^\circ$

Question ID : 123568280  
Status : Answered  
Chosen Option : 3

**Q.10** The following table shows the income (in rupees) for a particular month, together with their source, in respect of 5 employees (A, B, C, D and E).

	A	B	C	D	E
Salary	52,000	48,500	42,000	31,000	25,000
Overtime	0	0	1,500	2,500	3,200
Arrears	5,500	4,500	4,000	3,000	1,500
Bonus	3,500	3,000	2,500	2,000	2,000
Miscellaneous income	5,000	3,000	2,000	1,500	0
Total	66,000	59,000	52,000	40,000	31,700

How many employees got more arrears than the average arrears received by all the employees?

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

Question ID : 123568287  
Status : Answered  
Chosen Option : 2

**Q.11** The value of  $-1 + \frac{1}{4} \div \frac{1}{2} \times 2 + 5$  is:

- Ans
- ☒ 1. 5
  - ☒ 2. 2
  - ☒ 3.  $\frac{17}{4}$
  - ☒ 4.  $-\frac{7}{2}$

Question ID : 123568265  
Status : Answered  
Chosen Option : 1

**Q.12** Sixteen men can finish a work in 8 days. Eight men and nine women working together can finish the same work in 10 days. In how many days will twenty women finish the same work?

- Ans
- ☒ 1. 12
  - ☒ 2. 9
  - ☒ 3. 11
  - ☒ 4. 13

Question ID : 123568272  
Status : Answered  
Chosen Option : 1

Q.13 The value of  $\sqrt{\tan^2 60^\circ + \sin 90^\circ} - 2 \tan 45^\circ$  is:

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

Question ID : 123568283  
Status : Answered  
Chosen Option : 3

Q.14 The value of  $\cos 0^\circ \cos 30^\circ \cos 45^\circ \cos 60^\circ \cos 90^\circ$  is:

- Ans
- ☒ 1.  $\frac{\sqrt{6}}{8}$
  - ☒ 2. 5
  - ☒ 3. 0
  - ☒ 4. 3

Question ID : 123568284  
Status : Answered  
Chosen Option : 3

Q.15 The greatest number which should be replace '\*' in the number 146\*48 to make it divisible by 8 is:

- Ans
- ☒ 1. 2
  - ☒ 2. 0
  - ☒ 3. 9
  - ☒ 4. 8

Question ID : 123568264  
Status : Answered  
Chosen Option : 4

Q.16 A certain amount of money at compound interest grows to ₹66,550 in 3 years and ₹73,205 in 4 years. The rate per cent per annum is:

- Ans
- ☒ 1. 10%
  - ☒ 2. 5%
  - ☒ 3. 9%
  - ☒ 4. 11%

Question ID : 123568271  
Status : Answered  
Chosen Option : 1

Q.17 The heights of some girls in a school were noted and the data obtained are as shown in the table.

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155
Number of girls	12	16	20	29	15	8

How many girls have a height of 135 cm or more but less than 150 cm?

- Ans
- ☒ 1. 35
  - ☒ 2. 88
  - ☒ 3. 64
  - ☒ 4. 80

Question ID : 123568285  
Status : Answered  
Chosen Option : 3

Q.18 If  $\tan \theta - \cot \theta = \operatorname{cosec} \theta$ ,  $0^\circ < \theta < 90^\circ$ , then what is the value of  $\frac{2 \tan \theta - \cos \theta}{\sqrt{3} \cot \theta + \sec \theta}$ ?

- Ans
- ☒ 1.  $\frac{2(2\sqrt{3}-1)}{3}$
  - ☒ 2.  $\frac{4\sqrt{3}-1}{6}$
  - ☒ 3.  $\frac{3\sqrt{3}-1}{6}$
  - ☒ 4.  $\frac{2\sqrt{3}-1}{3}$

Question ID : 123568282  
Status : Answered  
Chosen Option : 4

Q.19 The average height of 5 boys is 175 cm. A sixth boy joined the group and the average height of all the boys in the group now increased by one centimetre. The height of the sixth boy is:

- Ans
- ☒ 1. 180 cm
  - ☒ 2. 181 cm
  - ☒ 3. 179 cm
  - ☒ 4. 175 cm

Question ID : 123568266  
Status : Answered  
Chosen Option : 2

Q.20 The following table shows the monthly salaries (in ₹) of 50 families.

Salary (in ₹)	25,000 - 30,000	30,000 - 35,000	35,000 - 40,000	40,000 - 45,000	45,000 - 50,000
Number of families	6	12	9	19	4

How many families have a monthly salary less than ₹40,000?

- Ans
- ☒ 1. 46
  - ☒ 2. 9
  - ☒ 3. 18
  - ☒ 4. 27

Question ID : 123568286  
Status : Answered  
Chosen Option : 4

Q.21 The coefficient of  $x^2$  in  $(2x + y)^3$  is:

- Ans
- ☒ 1.  $12y^2$
  - ☒ 2.  $12y$
  - ☒ 3. 8
  - ☒ 4. 12

Question ID : 123568276  
Status : Answered  
Chosen Option : 2

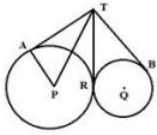
Q.22 The price of sugar is increased by 20%. By what percentage must one cut down on the consumption of sugar, so that no extra amount has to be incurred on sugar?

- Ans
- ☒ 1.  $16\frac{2}{3}\%$
  - ☒ 2. 20%
  - ☒ 3.  $83\frac{1}{3}\%$
  - ☒ 4. 80%

Question ID : 123568268  
Status : Answered  
Chosen Option : 1



**Q.23** In the figure, Two circles with centres P and Q touch externally at R. Tangents AT and BT meet the common tangent TR at T. If AP = 6 cm and PT = 10 cm, then BT = ?



- Ans
- ☒ 1. 8 cm
  - ☐ 2. 10 cm
  - ☐ 3. 6 cm
  - ☐ 4. 12 cm

Question ID : 123568279  
Status : Answered  
Chosen Option : 1

**Q.24** A furniture shopkeeper allows a discount of 16% on the marked price on the goods to his customers and still gains 20%. What is the marked price of a dining table, which costs the shopkeeper ₹11,900?

- Ans
- ☐ 1. ₹12,376
  - ☐ 2. ₹15,000
  - ☒ 3. ₹17,000
  - ☐ 4. ₹16,000

Question ID : 123568267  
Status : Answered  
Chosen Option : 3

**Q.25** Sudhir purchased a laptop for ₹42,000 and a scanner-cum-printer for ₹8,000. He sold the laptop for a 10% profit and the scanner-cum-printer for a 5% profit. What is his profit percentage?

- Ans
- ☐ 1.  $7\frac{1}{2}\%$
  - ☒ 2.  $9\frac{1}{5}\%$
  - ☐ 3. 15%
  - ☐ 4.  $9\frac{2}{5}\%$

Question ID : 123568269  
Status : Answered  
Chosen Option : 2

#### Section : English Comprehension

**Q.1** Select the most appropriate word to fill in the blank.

Health should be our first priority and should never be \_\_\_\_\_.

- Ans
- ☐ 1. declined
  - ☐ 2. suspended
  - ☐ 3. discarded
  - ☒ 4. neglected

Question ID : 123568313  
Status : Answered  
Chosen Option : 4

Q.2 Select the most appropriate word to fill in the blank.

A colour blind person is not able to \_\_\_\_\_ between colours.

- Ans
- ☐ 1. define
  - ☐ 2. glance
  - ☐ 3. observe
  - ☒ 4. distinguish

Question ID : 123568314  
Status : Answered  
Chosen Option : 4

Q.3 In the sentence identify the segment which contains the grammatical error.

Lucy has already cut the cake when we reached the party hall.

- Ans
- ☐ 1. Lucy has already
  - ☐ 2. the party hall
  - ☐ 3. when we reached
  - ☒ 4. cut the cake

Question ID : 123568289  
Status : Answered  
Chosen Option : 1

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

People claim to have seen the wild and mad elephant in several cities.

- Ans
- ☐ 1. The wild and mad elephant was claimed to be seen by people in several cities.
  - ☒ 2. The wild and mad elephant is claimed to have been seen in several cities.
  - ☐ 3. The wild and mad elephant is being claimed to be seen in several cities.
  - ☐ 4. The wild and mad elephant has been claimed to be seen by the people in several cities.

Question ID : 123568291  
Status : Answered  
Chosen Option : 4

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

I wish if I was the Principal of my school.

- Ans
- ☒ 1. I were
  - ☐ 2. No improvement
  - ☐ 3. that I am
  - ☐ 4. If I had been

Question ID : 123568294  
Status : Answered  
Chosen Option : 1

**Q.6** Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. There are many gadgets that are operated by a remote control and contain a silicon chip.  
B. This produces an infra-red beam, made up of electromagnetic waves.  
C. When a button is pressed on the remote control, the chip sets off an electronic vibration.  
D. The beam carries a coded signal for operating the systems.

- Ans ☒ 1. ACDB  
☒ 2. ACBD  
☒ 3. BACD  
☒ 4. ADCB

Question ID : 123568302

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.

Corruption is one of the (1)\_\_\_\_\_ problems of our country. It is an act done with (2)\_\_\_\_\_ to gain some undue advantages, inconsistent with official duty. Government has (3)\_\_\_\_\_ many schemes for the welfare of the people but corruption seems impossible to be (4)\_\_\_\_\_ India can become a corruption-free nation only when all the citizens (5)\_\_\_\_\_ rules and regulations with a strong will power and cooperate whole heartedly.

### SubQuestion No : 7

**Q.7** Select the most appropriate option for blank No. 1.

- Ans ☒ 1. powerful  
☒ 2. major  
☒ 3. strong  
☒ 4. minor

Question ID : 123568296

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.

Corruption is one of the (1)\_\_\_\_\_ problems of our country. It is an act done with (2)\_\_\_\_\_ to gain some undue advantages, inconsistent with official duty. Government has (3)\_\_\_\_\_ many schemes for the welfare of the people but corruption seems impossible to be (4)\_\_\_\_\_ India can become a corruption-free nation only when all the citizens (5)\_\_\_\_\_ rules and regulations with a strong will power and cooperate whole heartedly.

### SubQuestion No : 8

**Q.8** Select the most appropriate option for blank No. 2.

- Ans ☒ 1. intention  
☒ 2. passion  
☒ 3. compulsion  
☒ 4. intuition

Question ID : 123568297

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.

Corruption is one of the (1)\_\_\_\_\_ problems of our country. It is an act done with (2)\_\_\_\_\_ to gain some undue advantages, inconsistent with official duty. Government has (3)\_\_\_\_\_ many schemes for the welfare of the people but corruption seems impossible to be (4)\_\_\_\_\_ India can become a corruption-free nation only when all the citizens (5)\_\_\_\_\_ rules and regulations with a strong will power and cooperate whole heartedly.

#### SubQuestion No : 9

Q.9 Select the most appropriate option for blank No. 3.

- Ans
- ☒ 1. denounced
  - ☒ 2. announced
  - ☒ 3. written
  - ☒ 4. concealed

Question ID : 123568298

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.

Corruption is one of the (1)\_\_\_\_\_ problems of our country. It is an act done with (2)\_\_\_\_\_ to gain some undue advantages, inconsistent with official duty. Government has (3)\_\_\_\_\_ many schemes for the welfare of the people but corruption seems impossible to be (4)\_\_\_\_\_ India can become a corruption-free nation only when all the citizens (5)\_\_\_\_\_ rules and regulations with a strong will power and cooperate whole heartedly.

#### SubQuestion No : 10

Q.10 Select the most appropriate option for blank No. 4.

- Ans
- ☒ 1. eliminated
  - ☒ 2. initiated
  - ☒ 3. created
  - ☒ 4. permitted

Question ID : 123568299

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.

Corruption is one of the (1)\_\_\_\_\_ problems of our country. It is an act done with (2)\_\_\_\_\_ to gain some undue advantages, inconsistent with official duty. Government has (3)\_\_\_\_\_ many schemes for the welfare of the people but corruption seems impossible to be (4)\_\_\_\_\_ India can become a corruption-free nation only when all the citizens (5)\_\_\_\_\_ rules and regulations with a strong will power and cooperate whole heartedly.

#### SubQuestion No : 11

Q.11 Select the most appropriate option for blank No. 5.

- Ans
- ☒ 1. reject
  - ☒ 2. follow
  - ☒ 3. disobey
  - ☒ 4. break

Question ID : 123568300

Status : Answered

Chosen Option : 2

Q.12 Select the correctly spelt word.

- Ans
- ☐ 1. Comemorate
  - ☐ 2. Commemmorate
  - ☒ 3. Commemorate
  - ☐ 4. Comemmmorate

Question ID : 123568312  
Status : Answered  
Chosen Option : 3

Q.13 Select the most appropriate word that means the same as the group of words given.

Enclosed area where aircraft are kept and repaired

- Ans
- ☐ 1. Hose
  - ☐ 2. Harbinger
  - ☐ 3. Hanger
  - ☒ 4. Hangar

Question ID : 123568310  
Status : Answered  
Chosen Option : 4

Q.14 Select the indirect narration of the given sentence.

He said to me, "What time do the banks open and close?"

- Ans
- ☐ 1. He said me what time did the banks open and close.
  - ☒ 2. He asked me what time the banks opened and closed.
  - ☐ 3. He wanted to know what time the banks open and close.
  - ☐ 4. He asked me what time do the banks open and close.

Question ID : 123568292  
Status : Answered  
Chosen Option : 4

Q.15 Identify the part of the sentence that contains the grammatical error.

One of the greatest responsibilities of a scientist is that his discoveries and inventions are utilized to the overall development of the nation.

- Ans
- ☐ 1. is that his discoveries and inventions
  - ☐ 2. development of the nation
  - ☒ 3. are utilized to the overall
  - ☐ 4. One of the greatest responsibilities of a scientist

Question ID : 123568290  
Status : Answered  
Chosen Option : 1

Q.16 Select the most appropriate antonym of the given word.

Sluggish

- Ans
- ☒ 1. Weak
  - ☒ 2. Dull
  - ☒ 3. Active
  - ☒ 4. Sedentary

Question ID : 123568305  
Status : Answered  
Chosen Option : 3

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

Hostile

- Ans
- ☒ 1. Unfavourable
  - ☒ 2. Adverse
  - ☒ 3. Amiable
  - ☒ 4. Violent

Question ID : 123568306  
Status : Answered  
Chosen Option : 3

Q.18 Select the most appropriate word that means the same as the group of words given.

A short story with a moral, usually with animals as characters.

- Ans
- ☒ 1. Parody
  - ☒ 2. Ode
  - ☒ 3. Fable
  - ☒ 4. Hymn

Question ID : 123568309  
Status : Answered  
Chosen Option : 3

Q.19 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. It is called the atmosphere.
- B. All parts of the earth are surrounded by air.
- C. Living beings breathe in and breathe out the air all the time.
- D. This process is called respiration.

- Ans
- ☒ 1. CBAD
  - ☒ 2. DACB
  - ☒ 3. BACD
  - ☒ 4. ACDB

Question ID : 123568301  
Status : Answered  
Chosen Option : 3

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

Amit has the good command on English as he was born and brought up in England.

- Ans
- ☒ 1. a good command over
  - ☐ 2. No improvement
  - ☐ 3. a better command of
  - ☐ 4. the best command in

Question ID : 123568293  
Status : Answered  
Chosen Option : 1

Q.21 Select the most appropriate meaning of the given Idiom.

To add fuel to the fire.

- Ans
- ☐ 1. Simplify the problem
  - ☐ 2. Exploit someone
  - ☒ 3. To make a bad situation worse
  - ☐ 4. Calm down the situation

Question ID : 123568307  
Status : Answered  
Chosen Option : 3

Q.22 Select the most appropriate synonym of the given word.

Deficiency

- Ans
- ☐ 1. Abundance
  - ☐ 2. Sufficiency
  - ☐ 3. Efficiency
  - ☒ 4. Inadequacy

Question ID : 123568303  
Status : Answered  
Chosen Option : 4

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

Catastrophic

- Ans
- ☐ 1. Tough
  - ☐ 2. Mysterious
  - ☒ 3. Disastrous
  - ☐ 4. Delicate

Question ID : 123568304  
Status : Answered  
Chosen Option : 3



Q.24 Select the correctly spelt word.

- Ans
- ☐ 1. Definate
  - ☐ 2. Definiet
  - ☐ 3. Definete
  - ☒ 4. Definite

Question ID : 123568311  
Status : Answered  
Chosen Option : 4

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

Hobson's Choice

- Ans
- ☐ 1. To be in an aggressive mood when facing a challenge
  - ☐ 2. To challenge an unworthy opponent
  - ☒ 3. An apparently free choice where there is no real alternative
  - ☐ 4. To exercise the choice to surrender before the enemy

Question ID : 123568308  
Status : Answered  
Chosen Option : 3

