

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	21/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

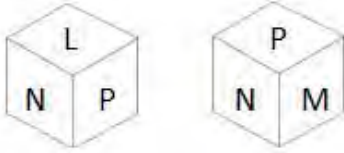
Section : **General Intelligence and Reasoning**

**Q.1** Four friends, H, I, J and K, are sitting at the four corners of a square facing towards the centre. H and J are sitting at diagonally opposite corners. I is sitting to the immediate left of H. Who is sitting to the immediate right of J?

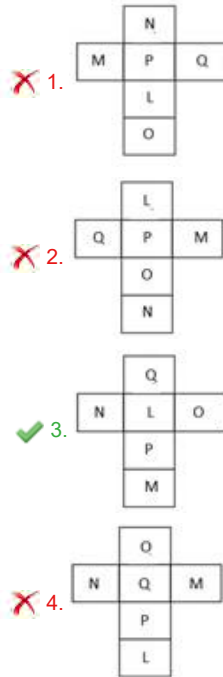
- Ans
- 1. H
  - 2. K
  - 3. J
  - 4. I

Question ID : **65497842675**  
Status : **Answered**  
Chosen Option : **2**

Q.2 Two orientations of the same box are shown. How will this box look when unfolded?



Ans



Question ID : 65497842179  
Status : Answered  
Chosen Option : 3

Q.3 In a certain code, 'Tim Dim Kim' means 'India Is Big' and 'Dim Gim Kim Se Rim' means 'Tiger Is A Big Cat'. Which of the following is the code for 'India'?

- Ans
- 1. Tim
  - 2. Dim
  - 3. Gim
  - 4. Kim

Question ID : 65497842874  
Status : Answered  
Chosen Option : 1

Q.4 If 80% of a number is 768, what will be 40% of 5% of that number?

- Ans
- 1. 16.4
  - 2. 13.5
  - 3. 19.2
  - 4. 20.6

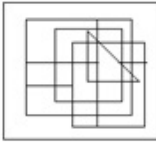
Question ID : 65497842781  
Status : Answered  
Chosen Option : 3

**Q.5** Select the option in which the given figure is embedded (rotation is NOT allowed).

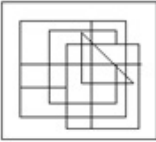


**Ans**

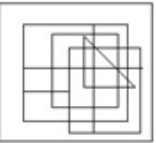
1.



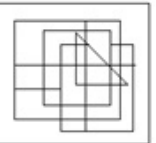
2.



3.



4.



Question ID : 65497842889

Status : Answered

Chosen Option : 3

**Q.6** In a certain code language, 'MOHAN' is coded as 39-45-24-3-42 and 'KABIR' is coded as 33-3-6-27-54. How will 'RAGHU' be coded in that language?

**Ans**  1. 54-3-21-24-63

2. 36-2-14-24-42

3. 36-3-14-16-63

4. 54-2-21-16-42

Question ID : 65497842166

Status : Answered

Chosen Option : 1

**Q.7** 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:**

Some spades are knives.  
All knives are rakes.

**Conclusions:**

I. Some knives are spades.  
II. Some rakes are knives.

- Ans**  1. Both conclusions I and II follow.  
 2. Only conclusion II follows.  
 3. Only conclusion I follows.  
 4. Neither conclusion I nor II follows.

Question ID : 65497844191  
Status : Answered  
Chosen Option : 1

**Q.8** 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 : 1728 :: 17 : ?

- Ans**  1. 1928  
 2. 4096  
 3. 3218  
 4. 2043

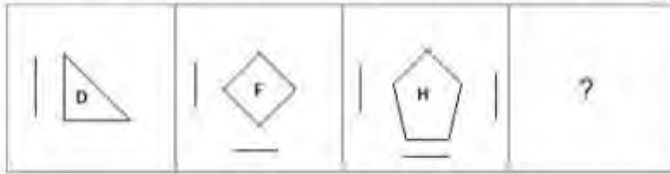
Question ID : 65497842174  
Status : Answered  
Chosen Option : 2

**Q.9** Introducing Reshma to a guest, a lady, Karishma, said, "She is the daughter of my father-in-law's daughter". How is Reshma related to Karishma?

- Ans**  1. sister-in-law  
 2. Sister  
 3. Cousin  
 4. Niece

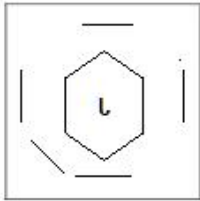
Question ID : 65497842674  
Status : Answered  
Chosen Option : 4

Q.10 Select the figure from among the given options that can replace the question mark (?) in the following series.

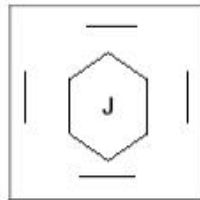


Ans

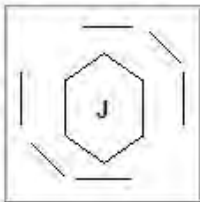
✗ 1.



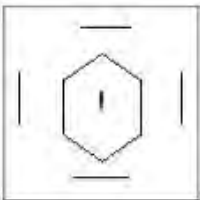
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497842685

Status : Answered

Chosen Option : 2

Q.11 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

GTQ : JVP :: SDK : ?

Ans ✓ 1. VFJ

✗ 2. UGF

✗ 3. UEK

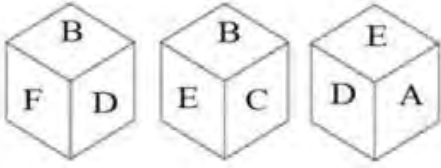
✗ 4. VGK

Question ID : 65497842770

Status : Answered

Chosen Option : 1

Q.12 Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter 'C'.



- Ans
- 1. A
  - 2. B
  - 3. E
  - 4. D

Question ID : 65497844201  
Status : Answered  
Chosen Option : 4

Q.13 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CLAY, DIFX, EFKW, FCPV, ?

- Ans
- 1. HZUW
  - 2. GZUU
  - 3. HUZY
  - 4. GUZU

Question ID : 65497844181  
Status : Answered  
Chosen Option : 2

Q.14 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- 1. CEV
  - 2. QSH
  - 3. KMN
  - 4. MPI

Question ID : 65497842870  
Status : Answered  
Chosen Option : 4

Q.15 Select the number from among the given options that can replace the question mark (?) in the following series.

14, 20, 34, 72, 182, ?

- Ans
- 1. 308
  - 2. 508
  - 3. 580
  - 4. 380

Question ID : 65497844193  
Status : Answered  
Chosen Option : 2

**Q.16** Select the number from among the given options that can replace the question mark (?) in the following series.

74, 101, 128, 155, ?

Ans  1. 198

2. 173

3. 210

4. 182

Question ID : 65497842879  
Status : Answered  
Chosen Option : 4

**Q.17** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

12 36 60

72 3 4 63 4 12 98 ? 15

12 9 14

Ans  1. 4

2. 5

3. 2

4. 3

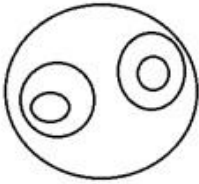
Question ID : 65497842883  
Status : Answered  
Chosen Option : 4

**Q.18** Select the Venn diagram that best represents the relationship between the following.

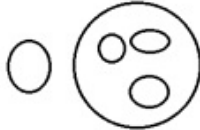
Infectious diseases, Deficiency diseases, Goitre, Rickets, Chickenpox.

**Ans**

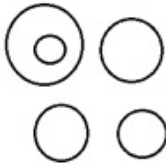
1.



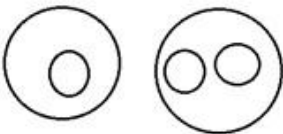
2.



3.



4.



Question ID : 65497842791  
Status : Answered  
Chosen Option : 4

**Q.19** Which two numbers (NOT digits) need to be interchanged to make the following equation correct?

$$8 + 48 \div 12 \times 5 - 13 = 29$$

**Ans**  1. 8 and 5

2. 13 and 8

3. 8 and 12

4. 12 and 13

Question ID : 65497842682  
Status : Answered  
Chosen Option : 3



Q.20 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

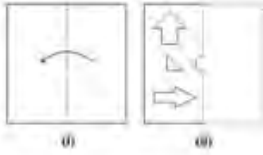


Ans

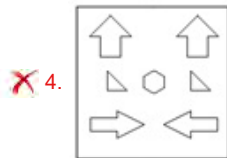
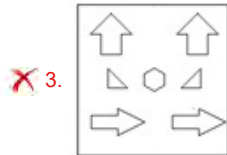
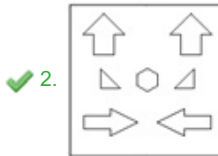
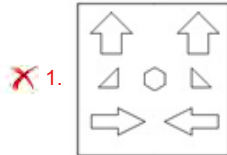


Question ID : 65497842688  
Status : Answered  
Chosen Option : 1

**Q.21** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).



**Ans**



Question ID : 65497842184  
 Status : Answered  
 Chosen Option : 2

**Q.22** Which two signs should be interchanged to make the given equation correct?

$$13+15 \times 8 \div 96-4=109$$

**Ans**  1. + and -

2. + and +

3. - and +

4. x and -

Question ID : 65497844198  
 Status : Answered  
 Chosen Option : 1

Q.23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

IMM\_ \_ILEI\_ \_OBI\_ \_IMMO\_ \_LE

- Ans  1. OBLMLBIE  
 2. OBMMLEBI  
 3. BOMLMEIB  
 4. BOLMLIEB

Question ID : 65497843582  
Status : Answered  
Chosen Option : 2

Q.24 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Malice
2. Malignant
3. Mallows
4. Malfunction
5. Malware

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

Question ID : 65497842970  
Status : Answered  
Chosen Option : 4

Q.25 In a certain code language, 'BLUES' is written as 'HVFOY'. How will 'FORCED' be written in that language?

- Ans  1. ULIXVW  
 2. XVWLIU  
 3. WVXILU  
 4. WVXJKU

Question ID : 65497843579  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 As per the provisions of Union Budget 2021-22, how many public sector banks have been lined up for disinvestment?

- Ans  1. Seven  
 2. Three  
 3. Two  
 4. Five

Question ID : 65497842695  
Status : Marked For Review  
Chosen Option : 4

**Q.2 Colloidal systems – such as gum, starch, proteins, cellulose, agar and gelatine – when placed in water, will absorb a large volume of water and swell up. These substances are called \_\_\_\_\_.**

- Ans**
- 1. porins
  - 2. apoplasts
  - 3. combustibles
  - 4. imbibants

Question ID : **65497842899**  
Status : **Not Answered**  
Chosen Option : --

**Q.3 Gulzar was awarded the 66th Filmfare Award for 'Best Lyrics' for the film \_\_\_\_\_.**

- Ans**
- 1. Thappad
  - 2. Sir
  - 3. Chhapaak
  - 4. Ludo

Question ID : **65497842708**  
Status : **Marked For Review**  
Chosen Option : 4

**Q.4 Which of the following statements is/are correct?**

- I. Gandhi Peace Prize is an annual award instituted by Government of India since 1995.
- II. The award is open to all persons regardless of nationality, race, language, caste, creed or sex.
- III. The Gandhi Peace Prize for the year 2020 was conferred on Bangabandhu Sheikh Mujibur Rahman.

- Ans**
- 1. Only I and II
  - 2. Only I
  - 3. I, II and III
  - 4. Only III

Question ID : **65497842811**  
Status : **Answered**  
Chosen Option : 3

**Q.5 Which of the following is NOT a broad mitigation technique of landslide?**

- Ans**
- 1. Construction of retention wall to stop land from slipping
  - 2. The surface drainage control works to control the movement of landslide along with rain water and spring flows.
  - 3. Hazard mapping to locate areas prone to landslides
  - 4. Reduction in the vegetation cover to arrest landslide

Question ID : **65497844218**  
Status : **Answered**  
Chosen Option : 4

**Q.6 The 61st Amendment to the Constitution of India \_\_\_\_\_.**

- Ans**
- 1. restricted the size of council of ministers to 15% of the number of legislative members
  - 2. reduced the age for voting from 21 to 18 years
  - 3. substituted 'Odia' for 'Oriya'
  - 4. exempted Arunachal Pradesh from reservation for Scheduled Castes in Panchayati Raj institutions

Question ID : **65497842712**  
Status : **Answered**  
Chosen Option : **2**

**Q.7 Which of the following is the middle layer in the root apical meristem that gives rise to the cortex?**

- Ans**
- 1. Periblem
  - 2. Calyptrogen
  - 3. Dermatogen
  - 4. Plerome

Question ID : **65497842700**  
Status : **Not Answered**  
Chosen Option : --

**Q.8 Which of the following is NOT a type of mosquito?**

- Ans**
- 1. Limulus
  - 2. Culex
  - 3. Aedes
  - 4. Anopheles

Question ID : **65497844211**  
Status : **Not Answered**  
Chosen Option : --

**Q.9 Which of the following decades was proclaimed by the General Assembly of the United Nations as the International Decade for action on 'Water for life'?**

- Ans**
- 1. 1994 - 2004
  - 2. 1972 - 1982
  - 3. 1983 - 1993
  - 4. 2005 - 2015

Question ID : **65497842800**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.10** The Directive Principles of State Policy in the Constitution of India were borrowed from the \_\_\_\_\_ Constitution.

- Ans**
- 1. Spanish
  - 2. Norwegian
  - 3. Irish
  - 4. Australian

Question ID : **65497842915**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** Mridula Sinha, who passed away in November 2020, was the first woman Governor of \_\_\_\_\_.

- Ans**
- 1. Goa
  - 2. Mizoram
  - 3. Tripura
  - 4. Haryana

Question ID : **65497842204**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.12** Which of the following is the horizontal distance between two successive crests?

- Ans**
- 1. Wave height
  - 2. Wave period
  - 3. Wave frequency
  - 4. Wave length

Question ID : **65497842702**  
Status : **Answered**  
Chosen Option : **2**

**Q.13** The Hindu Marriage Act was enacted in the year \_\_\_\_\_.

- Ans**
- 1. 1956
  - 2. 1952
  - 3. 1953
  - 4. 1955

Question ID : **65497842206**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.14** Which of the following countries hosted the ITTF (International Table Tennis Federation) Women's World Cup 2020?

- Ans**  1. Singapore  
 2. China  
 3. Japan  
 4. South Korea

Question ID : **65497844229**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.15** The Ghoom Monastery is located in:

- Ans**  1. Gangtok  
 2. Namchi  
 3. Kalimpong  
 4. Darjeeling

Question ID : **65497844207**  
Status : **Answered**  
Chosen Option : **1**

**Q.16** Which of the following British officers issued the infamous 'crawling order' whereby Indians had to crawl on all fours to pass an alley?

- Ans**  1. General Dyer  
 2. Warren Hastings  
 3. Lord Irwin  
 4. Lord Curzon

Question ID : **65497842202**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.17** According to the Central Ground Water Board, BIS (IS\_10500 and revised module IS 10500:2012) specifications in Uniform Drinking Water Quality Monitoring Protocol, what is the acceptable pH value of drinking water specification in India?

- Ans**  1. 5.5 - 7.5  
 2. 4.5 - 9.5  
 3. 6.5 - 8.5  
 4. 3.5 - 5.5

Question ID : **65497842802**  
Status : **Answered**  
Chosen Option : **3**

**Q.18** Who among the following Indian freedom fighters was fondly called Gandhi Buri (Old Lady Gandhi) for her dedication towards Gandhian principles?

- Ans**
- 1. Kamla Chaudhary
  - 2. Leela Roy
  - 3. Dakshayani Velayudhan
  - 4. Matangini Hazra

Question ID : **65497844221**  
Status : **Marked For Review**  
Chosen Option : **3**

**Q.19** Who among the following was named sportsman of the decade (Individual non-Olympic sports) at the 2021 Sportstar ACES Awards?

- Ans**
- 1. Pentala Harikrishna
  - 2. Vidit Santosh Gujrathi
  - 3. Viswanathan Anand
  - 4. Baskaran Adhiban

Question ID : **65497842816**  
Status : **Answered**  
Chosen Option : **3**

**Q.20** A distinct 'Dhrupad style' is associated with the \_\_\_\_\_ gharana.

- Ans**
- 1. Ajrada
  - 2. Nathdwara
  - 3. Jafferkhani
  - 4. Bishnupur

Question ID : **65497842893**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.21** Normally, there is a \_\_\_\_\_ day interval between spring tides and neap tides.

- Ans**
- 1. nine
  - 2. two
  - 3. four
  - 4. seven

Question ID : **65497842906**  
Status : **Marked For Review**  
Chosen Option : **4**



**Q.22** Finance Minister Nirmala Sitharaman announced the setting up of \_\_\_\_\_ mega textile parks across the country over three years, in her Budget 2021-22 speech.

**Ans**  1. seven

2. five

3. three

4. nine

Question ID : **65497842188**  
Status : **Marked For Review**  
Chosen Option : **2**

**Q.23** The ancient city of Champa is believed to be the capital of \_\_\_\_\_ Mahajanapada.

**Ans**  1. Anga

2. Kashi

3. Matsya

4. Vajji

Question ID : **65497842907**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.24** As per World Justice Project 2020, what is India's rank in Regulatory Enforcement as cited in Economic Survey of India 2021?

**Ans**  1. 56

2. 79

3. 62

4. 74

Question ID : **65497842795**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.25** \_\_\_\_\_, the world's first sailing boat made entirely from plastic waste, aims to raise people's awareness of plastic pollution in oceans.

**Ans**  1. Flipflopi

2. Blipblopi

3. Snipsnopi

4. Triptropi

Question ID : **65497842193**  
Status : **Marked For Review**  
Chosen Option : **1**

Section : **Quantitative Aptitude**

**Q.1** A tyre has two punctures. The first puncture alone would have made the tyre flat in 45 minutes, and the second puncture alone would have done it in 90 minutes. If air leaks out at a constant rate, then how long (in minutes) does it take for both the punctures together to make the tyre flat?

- Ans**
- 1. 30
  - 2. 15
  - 3. 40
  - 4. 45

Question ID : 65497842725  
Status : Answered  
Chosen Option : 1

**Q.2** If  $\operatorname{cosec} A = \sec B$ , where A and B are acute angles, then what is the value of  $(A + B)$ ?

- Ans**
- 1.  $0^\circ$
  - 2.  $135^\circ$
  - 3.  $90^\circ$
  - 4.  $45^\circ$

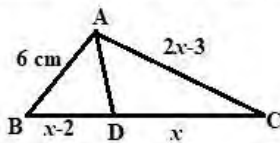
Question ID : 65497842229  
Status : Answered  
Chosen Option : 3

**Q.3** In  $\triangle ABC$ , the perpendiculars drawn from A, B and C meet the opposite sides at points D, E and F, respectively. AD, BE and CF intersect at point P. If  $\angle EPD = 110^\circ$  and the bisectors of  $\angle A$  and  $\angle B$  meet at point Q, then  $\angle AQB = ?$

- Ans**
- 1.  $115^\circ$
  - 2.  $110^\circ$
  - 3.  $135^\circ$
  - 4.  $125^\circ$

Question ID : 65497842733  
Status : Answered  
Chosen Option : 4

**Q.4** In the following figure, AD bisects angle BAC. Find the length (in cm) of BD.



- Ans**
- 1. 4
  - 2. 5
  - 3. 9
  - 4. 6

Question ID : 65497842227  
Status : Answered  
Chosen Option : 1

Q.5 A solid cone of radius 7 cm and height 7 cm was melted along with two solid spheres of radius 7 cm each to form a solid cylinder of radius 7 cm. What is the curved surface area (in  $\text{cm}^2$ ) of the cylinder?

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

- Ans  1. 924  
 2. 880  
 3. 2196  
 4. 482

Question ID : 65497843737  
Status : Answered  
Chosen Option : 1

Q.6 What is the compound interest (in ₹) on a sum of ₹62,500 for 2 years at 12% p.a., if the interest is compounded 8-monthly?

- Ans  1. 18,342  
 2. 16,232  
 3. 13,428  
 4. 16,548

Question ID : 65497842926  
Status : Answered  
Chosen Option : 2

Q.7 The selling price of a mobile phone is ₹59,620 and it was sold at 8.4% profit. The cost price (in ₹) of the mobile phone is:

- Ans  1. 52,000  
 2. 55,000  
 3. 45,000  
 4. 50,000

Question ID : 65497842722  
Status : Answered  
Chosen Option : 2

Q.8 If  $a^2 + b^2 = 65$  and  $ab = 8$ ,  $a > b > 0$ , then find the value of  $a^2 - b^2$ .

- Ans  1. 72  
 2. 60  
 3. 65  
 4. 63

Question ID : 65497842224  
Status : Answered  
Chosen Option : 4

**Q.9** AB is the diameter of a circle with centre O. C and D are two points on the circle on either side of AB, such that  $\angle CAB = 52^\circ$  and  $\angle ABD = 47^\circ$ . What is the difference (in degrees) between the measures of  $\angle CAD$  and  $\angle CBD$ ?

- Ans**
- 1. 10
  - 2. 15
  - 3. 25
  - 4. 20

Question ID : 65497842932  
Status : Answered  
Chosen Option : 1

**Q.10** What is the sum of the numbers between 400 and 500 such that when they are divided by 6, 12 and 16, it leaves no remainder?

- Ans**
- 1. 480
  - 2. 1024
  - 3. 960
  - 4. 912

Question ID : 65497842818  
Status : Answered  
Chosen Option : 4

**Q.11** If a nine-digit number  $485x3678y$  is divisible by 72, then for the smallest value of  $x$ , the value of  $(2y - 3x)$  is:

- Ans**
- 1. 6
  - 2. 9
  - 3. 11
  - 4. 8

Question ID : 65497844231  
Status : Answered  
Chosen Option : 4

**Q.12** If  $x^4 - 79x^2 + 1 = 0$ , then a value of  $x + x^{-1}$  can be:

- Ans**
- 1. 9
  - 2. 5
  - 3. 7
  - 4. 8

Question ID : 65497842728  
Status : Answered  
Chosen Option : 1

- Q.13** The given pie chart shows the percentage of students in five schools and the table shows the ratio of boys and girls in each school.  
Study the pie chart and table and answer the question that follows.



The below table shows the ratio of girls and boys in the given five schools.

School	Girls : Boys
A	3 : 4
B	2 : 3
C	5 : 3
D	1 : 2
E	4 : 3

The number of girls in school D is what percentage less than the number of boys in school B (correct to the nearest integer)?

- Ans**
- 1. 35%
  - 2. 19%
  - 3. 27%
  - 4. 33%

Question ID : 65497844355  
Status : Answered  
Chosen Option : 4

- Q.14** In the month of March, Dalip earned on an average ₹501 per day. For the first 18 days, his average earning was ₹495 and, for the last 15 days, his average earning was ₹505. On 18<sup>th</sup> March, he earned ₹50 more than that earned on 17<sup>th</sup> March. How much (in ₹) did he earn on 18<sup>th</sup> March?

- Ans**
- 1. 502
  - 2. 498
  - 3. 501
  - 4. 500

Question ID : 65497843729  
Status : Answered  
Chosen Option : 1

- Q.15** A and B entered into a partnership with investments in the ratio 3 : 5. After a few months, A withdrew and collected back his money. At the end of the year, they received profit in the ratio 2 : 5. After how many months did A withdraw?

- Ans**
- 1. 7
  - 2. 9
  - 3. 8
  - 4. 6

Question ID : 65497842218  
Status : Answered  
Chosen Option : 3

**Q.16** The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart. Total number of employees = 2400.



If the percentage of male employees in office C is 20% and that of female employees in E is 40%, then what is the ratio of the numbers of female employees in E to that of female employees in C?

- Ans**
- 1. 3 : 8
  - 2. 5 : 4
  - 3. 2 : 3
  - 4. 3 : 2

Question ID : 65497842839  
 Status : Answered  
 Chosen Option : 3

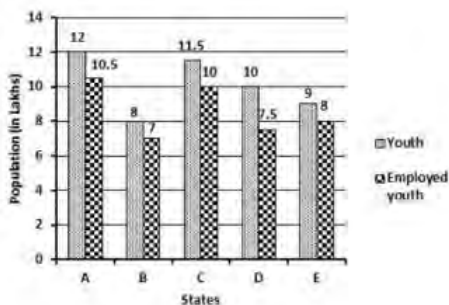
**Q.17** Two trains are running on parallel tracks in the same direction at the speed of 80 km/h and 90 km/h, respectively. The trains crossed each other in 3 minutes. If the length of one train is 230 m, then what is the length (in m) of the other train?

- Ans**
- 1. 270
  - 2. 250
  - 3. 230
  - 4. 300

Question ID : 65497842221  
 Status : Answered  
 Chosen Option : 1

**Q.18** The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

How many youth (in lakhs) are unemployed in states B and D taken together?



- Ans**
- 1. 4.25
  - 2. 4.5
  - 3. 3.5
  - 4. 3.25

Question ID : 65497842434  
 Status : Answered  
 Chosen Option : 3

Q.19 A person's salary was increased by 50% and subsequently decreased by 50%. How much percentage does he lose or gain?

- Ans
- ✓ 1. Loss of 25%
  - ✗ 2. Gain of 50%
  - ✗ 3. Loss of 30%
  - ✗ 4. Gain of 20%

Question ID : 65497844236  
Status : Answered  
Chosen Option : 1

Q.20 If  $\frac{\sin^2 \theta - 3 \sin \theta + 2}{\cos^2 \theta} = 1$ , where  $0^\circ < \theta < 90^\circ$ , then what is the value of  $(\cos 2\theta - \sin 3\theta + \operatorname{cosec} 2\theta)$ ?

- Ans
- ✗ 1.  $\frac{-3 - 4\sqrt{3}}{6}$
  - ✓ 2.  $\frac{-3 + 4\sqrt{3}}{6}$
  - ✗ 3.  $\frac{3 + 4\sqrt{3}}{6}$
  - ✗ 4.  $\frac{3 - 4\sqrt{3}}{6}$

Question ID : 65497842735  
Status : Answered  
Chosen Option : 2

Q.21 AB and CD are two chords in a circle with centre O and AD is the diameter. When produced, AB and CD meet at the point P. If  $\angle DAP = 27^\circ$ ,  $\angle APD = 35^\circ$ , then what is the measure (in degrees) of  $\angle DBC$ ?

- Ans
- ✓ 1. 28
  - ✗ 2. 26
  - ✗ 3. 30
  - ✗ 4. 32

Question ID : 65497844246  
Status : Answered  
Chosen Option : 1

Q.22 A shopkeeper marks an article  $x\%$  above the cost price and sells it by allowing 30% discount on the marked price. If there is a loss of 4.8%, then what is the value of  $x$  ?

- Ans
- 1. 30
  - 2. 40
  - 3. 36
  - 4. 35

Question ID : 65497844662  
Status : Answered  
Chosen Option : 3

Q.23 Simplify  $\left[\left(5\frac{1}{4} \div 3\frac{1}{2} \times \frac{5}{12}\right) - \frac{3}{16}\right] \div \left(3\frac{4}{7} \div \frac{5}{14} \text{ of } 6\frac{2}{3}\right) \text{ of } 1\frac{1}{3}$ .

- Ans
- 1.  $\frac{5}{32}$
  - 2.  $\frac{17}{32}$
  - 3.  $\frac{3}{32}$
  - 4.  $\frac{7}{32}$

Question ID : 65497842819  
Status : Answered  
Chosen Option : 4

Q.24 A ladder 18 m long rests against a wall so that the angle between the ladder and the wall is  $30^\circ$ . How far (in m) is the base of the ladder from the wall?

- Ans
- 1. 18
  - 2.  $9\sqrt{3}$
  - 3. 9
  - 4.  $18\sqrt{3}$

Question ID : 65497842837  
Status : Answered  
Chosen Option : 3



Q.25 Study the graph and answer the question that follows.



What is the ratio of the total number of workers whose daily wages are less than ₹450 to the total number of workers whose daily wages are ₹650 and above?

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

Question ID : 65497842942  
Status : Answered  
Chosen Option : 3

Section : English Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I do not / like to read / these kind / of novels.

- Ans
- 1. I do not
  - 2. these kind
  - 3. of novels
  - 4. like to read

Question ID : 65497842946  
Status : Answered  
Chosen Option : 2

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

Feast one's eyes on

- Ans
- 1. Arrange a delicious meal
  - 2. Gaze at something with pleasure
  - 3. Prepare a rare delicacy
  - 4. Notice something alarming

Question ID : 65497842964  
Status : Answered  
Chosen Option : 2

**Q.3** Select the most appropriate synonym of the given word.

Livid

- Ans  1. Closed  
 2. Clear  
 3. Pale  
 4. Furious

Question ID : 65497842253  
Status : Answered  
Chosen Option : 2

**Q.4** Select the option that expresses the given sentence in active voice.

Tall promises were being made by each promoter.

- Ans  1. Each promoter has been making tall promises.  
 2. Each promoter has made tall promises.  
 3. Each promoter made tall promises.  
 4. Each promoter was making tall promises.

Question ID : 65497842241  
Status : Answered  
Chosen Option : 4

**Q.5** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

You are so far the bright student in the class.

- Ans  1. No improvement  
 2. by so far the brighter  
 3. by far the brightest  
 4. so far most bright

Question ID : 65497844269  
Status : Answered  
Chosen Option : 1

**Q.6** Select the most appropriate option to fill in the blank.

Can you arrange for the consignment \_\_\_\_\_ delivered on Monday?

- Ans  1. is  
 2. being  
 3. to be  
 4. for being

Question ID : 65497842766  
Status : Answered  
Chosen Option : 3

**Q.7 Select the most appropriate ANTONYM of the given word.**

**Proclaim**

- Ans**  1. Exhibit  
 2. Evince  
 3. Conceal  
 4. Announce

Question ID : **65497842962**  
Status : **Answered**  
Chosen Option : **3**

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

- A. Expert mechanics labored over the plane for three hours.**  
**B. A small nut had fallen into a channel which prevented the gear from moving.**  
**C. A huge plane was forced to crash land when its landing gear got stuck.**  
**D. They were amazed when they discovered what had caused the mechanical failure.**

- Ans**  1. DBAC  
 2. BADC  
 3. ACBD  
 4. CADB

Question ID : **65497842857**  
Status : **Answered**  
Chosen Option : **4**

**Q.9 Select the most appropriate meaning of the given idiom.**

**Cold comfort**

- Ans**  1. Unbearable weather  
 2. Enjoyment in the hills  
 3. Very soothing  
 4. Very little satisfaction

Question ID : **65497844276**  
Status : **Answered**  
Chosen Option : **4**

**Q.10 Select the most appropriate synonym of the given word.**

**Amusement**

- Ans**  1. Pleasure  
 2. Gloom  
 3. Boredom  
 4. Despair

Question ID : **65497842858**  
Status : **Answered**  
Chosen Option : **1**

**Q.11** Select the option that can be used as a one-word substitute for the given group of words.

**Policy of racial discrimination**

- Ans**  1. Non-alignment  
 2. Diplomacy  
 3. Commonwealth  
 4. Apartheid

Question ID : 65497842764  
Status : Answered  
Chosen Option : 4

**Q.12** Select the option that expresses the given sentence in indirect speech.

**He said to me, "Do you own this beautiful car?"**

- Ans**  1. He asked to me if you own that beautiful car.  
 2. He asked me did I own that beautiful car.  
 3. He asked me if I owned that beautiful car.  
 4. He asked me that if you owned this beautiful car.

Question ID : 65497842955  
Status : Answered  
Chosen Option : 3

**Q.13** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

**Shall / we go / for walking / in the park?**

- Ans**  1. Shall  
 2. in the park  
 3. we go  
 4. for walking

Question ID : 65497843044  
Status : Answered  
Chosen Option : 4

**Q.14** Select the option that expresses the given sentence in passive voice.

**She is looking after the old ladies with great affection.**

- Ans**  1. She is looked after with great affection by the old ladies.  
 2. The old ladies are looked after with great affection.  
 3. The old ladies were looked after with great affection.  
 4. The old ladies are being looked after with great affection.

Question ID : 65497842846  
Status : Answered  
Chosen Option : 4

**Q.15** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

We had to undergo a great many difficulties.

- Ans  1. No improvement  
 2. a great many difficulty  
 3. great many difficulties  
 4. much great difficulties

Question ID : 65497842856  
Status : Answered  
Chosen Option : 3

**Q.16** Select the option that can be used as a one-word substitute for the given group of words.

A person who works in a shop that sells cut flowers and plants

- Ans  1. Dealer  
 2. Vendor  
 3. Hawker  
 4. Florist

Question ID : 65497842258  
Status : Answered  
Chosen Option : 4

**Q.17** Select the INCORRECTLY spelt word.

- Ans  1. Alphabet  
 2. Allergic  
 3. Altarnate  
 4. Allotted

Question ID : 65497842260  
Status : Answered  
Chosen Option : 3

**Q.18** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Vivek should be excited / on the promotion / he's got.

- Ans  1. No error  
 2. on the promotion  
 3. Vivek should be excited  
 4. he's got

Question ID : 65497843549  
Status : Marked For Review  
Chosen Option : 2

**Q.19** The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

Among you and me / she is quite rude / to the boy.

- Ans**
- 1. to the boy
  - 2. she is quite rude
  - 3. Among you and me
  - 4. No error

Question ID : **65497842238**  
Status : **Answered**  
Chosen Option : **3**

**Q.20** Select the most appropriate **ANTONYM** of the given word.

**Refined**

- Ans**
- 1. Miserly
  - 2. Crude
  - 3. Precise
  - 4. Genteel

Question ID : **65497844274**  
Status : **Answered**  
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank no.1.

- Ans**
- 1. succession
  - 2. suggestion
  - 3. expression
  - 4. impression

Question ID : **65497842748**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank no.2.**

- Ans  1. creating  
 2. creative  
 3. created  
 4. creation

Question ID : 65497842749  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3.**

- Ans  1. More  
 2. Much  
 3. Any  
 4. Many

Question ID : 65497842750  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4.**

- Ans  1. capacity  
 2. techniques  
 3. procedure  
 4. delivery

Question ID : 65497842751  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no.5.

- Ans**  1. captured  
 2. disbursed  
 3. dispersed  
 4. compiled

Question ID : **65497842752**  
Status : **Answered**  
Chosen Option : **4**