

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** In a certain code language, 3224 means 'Taj is in Agra', and 4245 means 'Agra is near Delhi'. Which of the following is the code for 'I like all fruits'?

- Ans
- 1. 2534
  - 2. 2425
  - 3. 1526
  - 4. 1436

Question ID : 65497841965  
Status : Not Answered  
Chosen Option : --

**Q.2** Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$$15 * 1411 * 83 * 137 * 218 * 100$$

- Ans
- 1.  $\times, +, =, +, -$
  - 2.  $\times, =, -, +, +$
  - 3.  $+, -, \times, =, +$
  - 4.  $\times, +, +, -, =$

Question ID : 65497844299  
Status : Answered  
Chosen Option : 1

**Q.3** The ratio of the present ages of Charvi and Vaishnavi is 4 : 5. Yuvika is 2 years older than Charvi but 5 years younger than Vaishnavi. Find the present age of Vaishnavi.

- Ans
- 1. 35 years
  - 2. 28 years
  - 3. 25 years
  - 4. 42 years

Question ID : 65497844094  
Status : Answered  
Chosen Option : 1

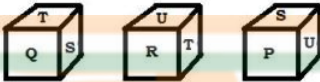
**Q.4** Select the number from among the given options that can replace the question mark (?) in the following series.

39, 53, 69, 87, ?

- Ans
- 1. 99
  - 2. 107
  - 3. 92
  - 4. 115

Question ID : 65497841970  
Status : Answered  
Chosen Option : 2

**Q.5** Three different positions of the same non-standard dice are shown. Which letter will be on the face opposite to the face with the letter 'Q'?



- Ans
- 1. S
  - 2. P
  - 3. U
  - 4. R

Question ID : 65497844302  
Status : Answered  
Chosen Option : 3

**Q.6** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans
- 1. WTR
  - 2. WUT
  - 3. MJH
  - 4. SPN

Question ID : 65497841961  
Status : Answered  
Chosen Option : 2

**Q.7** Select the option that is related to the third number in the same way as the second number is related to the first number.

28 : 729 :: 32 : ?

- Ans
- 1. 961
  - 2. 973
  - 3. 824
  - 4. 738

Question ID : 65497842578  
Status : Answered  
Chosen Option : 1

**Q.8** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K \_ \_ N L \_ N K \_ N \_ L N K \_ M \_ L M \_

- Ans**  1. L, M, M, M, K, L, K, N  
 2. L, M, M, K, K, L, N, N  
 3. M, M, L, K, K, L, K, N  
 4. L, M, M, K, K, M, K, N

Question ID : 65497844617  
Status : Answered  
Chosen Option : 1

**Q.9** Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it

7 9 5  
3 8 ?  
28 81 50

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

Question ID : 65497841974  
Status : Answered  
Chosen Option : 1

**Q.10** If GATE is coded as QKDO, then PLAN will be coded as:

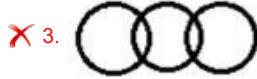
- Ans**  1. VFXK  
 2. FVKX  
 3. ZVXK  
 4. ZVKX

Question ID : 65497844614  
Status : Answered  
Chosen Option : 4

Q.11 उस वेन आरेख का चयन करें जो निम्नलिखित वर्गों के बीच के संबंध को सर्वोत्तम रूप से दर्शाता है।

भाई, भतीजे, चाचा

Ans



Question ID : 65497844104

Status : Answered

Chosen Option : 2

Q.12 Select the letter-cluster that can replace the question mark (?) in the following series.

GHB, LMG, PQK, ?

Ans

1. STN

2. TSM

3. PQE

4. ABX



INDIA

Question ID : 65497844282

Status : Answered

Chosen Option : 1

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term.

DOGMATIC : EQHOBVJD :: PRODUCTS : ?

Ans

1. RTQEWDVU

2. RTSEWDSQ

3. RTQFXDVU

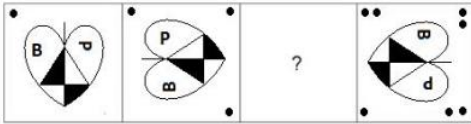
4. RTQEWDWV

Question ID : 65497844083

Status : Answered

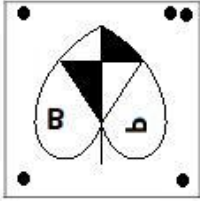
Chosen Option : 1

Q.14 Select the figure from among the given options that can replace the question mark (?) in the following series.

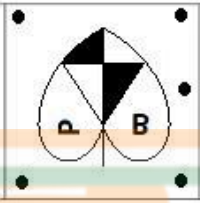


Ans

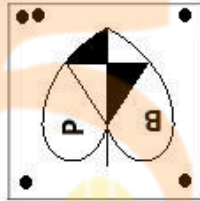
✗ 1.



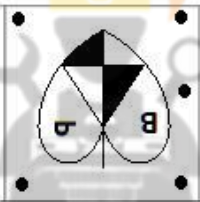
✗ 2.



✓ 3.



✗ 4.



Question ID : 65497842483

Status : Answered

Chosen Option : 3

Q.15 In a certain code language, 'TOMATO' is coded as 40-30-26-2-40-30 and 'GINGER' is coded as 14-18-28-14-10-36. How will 'GARLIC' be coded in that language?

Ans ✓ 1. 14-2-36-24-18-6

✗ 2. 7-2-18-24-18-3

✗ 3. 7-1-36-12-9-6

✗ 4. 14-1-18-24-18-3

Question ID : 65497842570

Status : Answered

Chosen Option : 1

Q.16 Which two numbers (Not Digits) need to be interchanged to make the following equation correct?

$$15 + 90 \div 9 \times 5 - 11 = 28$$

- Ans
- 1. 11 and 9
  - 2. 15 and 9
  - 3. 15 and 5
  - 4. 9 and 5

Question ID : 65497842480  
Status : Answered  
Chosen Option : 2

Q.17 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497841980  
Status : Answered  
Chosen Option : 1

Q.18 एक मेहमान को कौमुदी का परिचय कराते हुए एक लड़के मिहिर ने कहा, "वह मेरी माँ के देवर की इकलौती बेटा है"। मिहिर का कौमुदी से क्या संबंध है?

- Ans
- 1. पिता
  - 2. चाचा
  - 3. चचेरा भाई
  - 4. भाई

Question ID : 65497842472

Status : Answered

Chosen Option : 3

Q.19 Radha wears five different coloured clothes, red, green, yellow, purple and brown, on five different days of a week, from Monday to Friday. She wears red clothes on Wednesday. She does not wear green and brown clothes on Monday or Friday. She wears green clothes on the next day of wearing yellow clothes. On which day does she wear brown clothes?

- Ans
- 1. Monday
  - 2. Tuesday
  - 3. Friday
  - 4. Thursday

Question ID : 65497842473

Status : Answered

Chosen Option : 4

Q.20 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ?

- Ans
- 1. 422
  - 2. 242
  - 3. 224
  - 4. 244

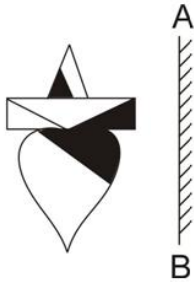
INDIA

Question ID : 65497844294

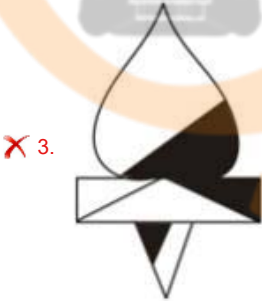
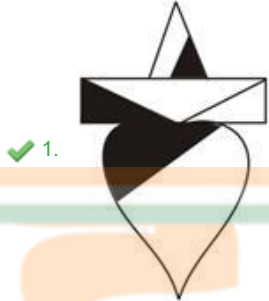
Status : Answered

Chosen Option : 4

**Q.21** Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



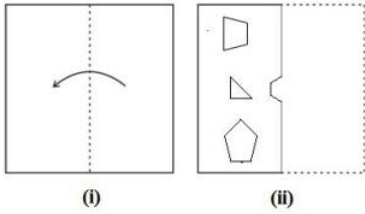
**Ans**



Question ID : 65497842486  
Status : Answered  
Chosen Option : 1

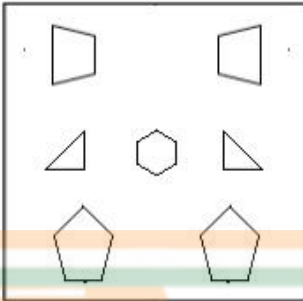


**Q.22** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).

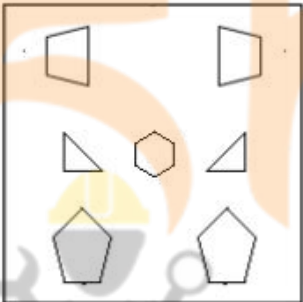


**Ans**

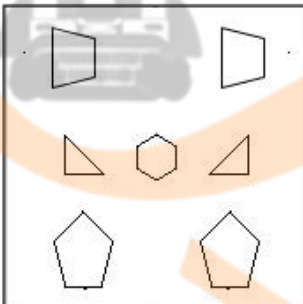
✗ 1.



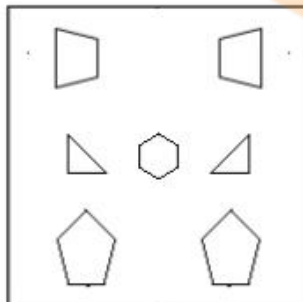
✗ 2.



✗ 3.

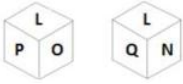


✓ 4.

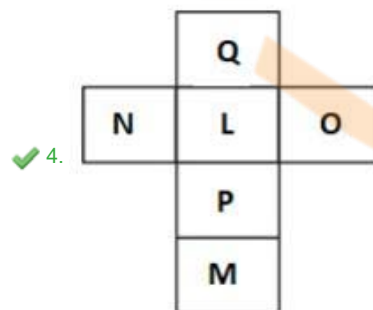
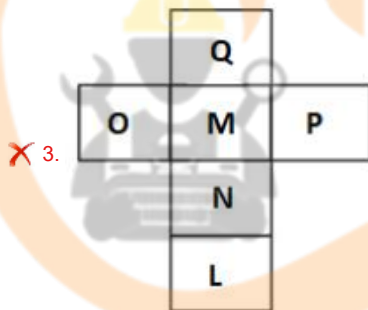
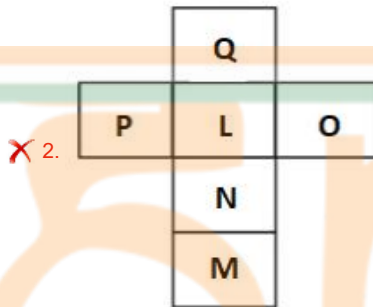
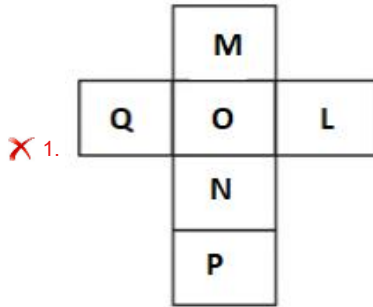


Question ID : 65497842588  
 Status : Answered  
 Chosen Option : 4

Q.23 Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?



Ans



Question ID : 65497842583  
Status : Answered  
Chosen Option : 4

**Q.24** 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:**

No plum is an apricot.  
All lemons are apricots.  
All grapes are lemons.

**Conclusions:**

I. No apricot is a grape.  
II. No grape is a plum.  
III. No lemon is a plum.  
IV. Some plums are lemons.

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

Question ID : 65497844292

Status : Answered

Chosen Option : 4

**Q.25** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Projection  
2. Professor  
3. Product  
4. Pronounce  
5. Provide

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

Question ID : 65497843374

Status : Answered

Chosen Option : 4

Section : General Awareness

**Q.1** Which of the following states became the first state in India to provide 100% tap water supply in rural areas in 2020?

- Ans**
- 1. Goa
  - 2. Kerala
  - 3. Mizoram
  - 4. Sikkim

Question ID : 65497842597

Status : Answered

Chosen Option : 1

Q.2 How many electrons are there in the outermost shell of a group 16 element?

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

Question ID : 65497844113  
Status : Answered  
Chosen Option : 4

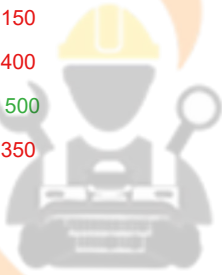
Q.3 Which of the following parties supported the move for partition of Bengal?

- Ans
- 1. Gadar Party
  - 2. Forward Bloc
  - 3. All India Muslim League
  - 4. Communist Party of India

Question ID : 65497844322  
Status : Not Answered  
Chosen Option : --

Q.4 In Union Budget 2021-22, there is a proposal to provide liquid waste management in \_\_\_\_\_ AMRUT cities under Jal Jeevan Mission (Urban).

- Ans
- 1. 150
  - 2. 400
  - 3. 500
  - 4. 350



Question ID : 65497842493  
Status : Not Answered  
Chosen Option : --

Q.5 According to Economic Survey 2020-2021, India's real GDP is projected to record \_\_\_\_\_ growth in the Fiscal Year 2021-22.

- Ans
- 1. 10.8%
  - 2. 12.3%
  - 3. 11.0%
  - 4. 13.5%

Question ID : 65497844108  
Status : Not Answered  
Chosen Option : --

Q.6 Which of the following symmetries is exhibited by arthropods?

- Ans
- 1. Axial
  - 2. Translational
  - 3. Radial
  - 4. Bilateral

Question ID : 65497844115  
Status : Not Answered  
Chosen Option : --

**Q.7 Who among the following wrote 'India Wins freedom'?**

- Ans**
- 1. Jawaharlal Nehru
  - 2. Abul Kalam Azad
  - 3. Jaswant Singh
  - 4. Rajendra Prasad

Question ID : **65497844124**  
Status : **Answered**  
Chosen Option : **3**

**Q.8 In the flocculation method of water treatment \_\_\_\_\_ chemical is added to water.**

- Ans**
- 1. electro-neutral
  - 2. low negatively charged
  - 3. positively charged
  - 4. high negatively charged

Question ID : **65497844312**  
Status : **Not Answered**  
Chosen Option : --

**Q.9 The Right of Children to Free and Compulsory Education Act or Right to Education (RTE) Act is an Act of the Parliament of India enacted in the year \_\_\_\_\_.**

- Ans**
- 1. 2009
  - 2. 2012
  - 3. 2005
  - 4. 2007



**INDIA**

Question ID : **65497842610**  
Status : **Not Answered**  
Chosen Option : --

**Q.10 In the context of Indian Freedom Movement, which of the following years is correctly paired with the event that took place that year?**

- Ans**
- 1. 1915 – Mahatma Gandhi returned from South Africa
  - 2. 1944 – The Cripps Mission was sent by the British government to India to obtain Indian cooperation for the British war efforts in the 2nd World War
  - 3. 1936 – The First Round Table Conference
  - 4. 1945 – The All India Congress Committee met in Bombay and ratified the 'Quit India' resolution

Question ID : **65497842606**  
Status : **Answered**  
Chosen Option : **1**

Q.11 In which of the following cities was the 2020 Asian Wrestling Championships held?

- Ans  1. New Delhi  
 2. Tokyo  
 3. Beijing  
 4. Colombo

Question ID : 65497844330  
Status : Answered  
Chosen Option : 1

Q.12 As per Union Budget for 2021–22, interest earned on Provident Fund contribution above \_\_\_\_\_ lakhs in a year will become taxable.

- Ans  1. ₹1.5  
 2. ₹1  
 3. ₹2  
 4. ₹2.5

Question ID : 65497842592  
Status : Not Answered  
Chosen Option : --

Q.13 What do you call the weight a soil can withstand before severe damage occurs to the structure of the soil?

- Ans  1. Field capacity  
 2. Bearing capacity  
 3. Bulk density  
 4. Buffering capacity

Question ID : 65497844319  
Status : Not Answered  
Chosen Option : --

Q.14 Who was the chairman of the House Committee of the Constituent Assembly of India?

- Ans  1. B Pattabhi Sitaramayya  
 2. AV Thakkar  
 3. JB Kripalani  
 4. KM Munsi

Question ID : 65497842006  
Status : Not Answered  
Chosen Option : --

Q.15 Which of the following festivals is held on a new moon day?

- Ans  1. Mahavir Jayanti  
 2. Kali Puja  
 3. Dussehra  
 4. Holi

Question ID : 65497844308  
Status : Not Answered  
Chosen Option : --

Q.16 A 'Nattuvanar' conducts a \_\_\_\_\_ dance recital.

- Ans
- 1. Kuchipudi
  - 2. Odissi
  - 3. Kathak
  - 4. Bharatanatyam

Question ID : 65497841984  
Status : Not Answered  
Chosen Option : --

Q.17 What was the estimated national mortality rate of children under the age of five in the country as per Census of India 2011?

- Ans
- 1. 34
  - 2. 55
  - 3. 76
  - 4. 13

Question ID : 65497841997  
Status : Not Answered  
Chosen Option : --

Q.18 Nitrogen is a \_\_\_\_\_ element.

- Ans
- 1. diatomic
  - 2. tetra-atomic
  - 3. poly-atomic
  - 4. monoatomic

Question ID : 65497841990  
Status : Answered  
Chosen Option : 1

Q.19 Actor \_\_\_\_\_ was conferred with the 'Lifetime Achievement' award at the Filmfare Awards 2021.

- Ans
- 1. Irrfan Khan
  - 2. Amitabh Bachchan
  - 3. Dharmendra
  - 4. Rishi Kapoor

Question ID : 65497842506  
Status : Answered  
Chosen Option : 2

**Q.20** Who among the following became the first Indian to win the 'Best Actor' award at the Norwegian National Awards ceremony held in Haugesund, Norway in 2018?

- Ans**
- 1. Ranvir Shorey
  - 2. Nawazuddin Siddique
  - 3. Ram Kapoor
  - 4. Adil Hussain

Question ID : **65497842608**  
Status : **Not Answered**  
Chosen Option : --

**Q.21** As of 2021, who is the reigning Olympic Men's Field Hockey champion?

- Ans**
- 1. Belgium
  - 2. Germany
  - 3. Argentina
  - 4. Holland

Question ID : **65497844129**  
Status : **Not Answered**  
Chosen Option : --

**Q.22** The fine for extinguishing public lamps may extend to \_\_\_\_\_ as per Section 141 of The Electricity Act, 2003.

- Ans**
- 1. ₹2,000
  - 2. ₹3,000
  - 3. ₹2,500
  - 4. ₹5,000



**INDIA**

Question ID : **65497842510**  
Status : **Not Answered**  
Chosen Option : --

**Q.23** Ozone is a molecule made up of \_\_\_\_\_ oxygen atoms.

- Ans**
- 1. four
  - 2. two
  - 3. one
  - 4. three

Question ID : **65497842498**  
Status : **Answered**  
Chosen Option : **4**



**Q.24** Which of the following varnas was responsible for protecting people and administering justice in ancient India as per rules laid down by the Dharmasutras and Dharmashastras?

- Ans**
- 1. Vaishya
  - 2. Shudra
  - 3. Kshatriya
  - 4. Brahmana

Question ID : **65497841998**  
Status : **Answered**  
Chosen Option : **3**

**Q.25** Which of the following rivers originates in a spring at Verinag in the south-eastern part of Kashmir?

- Ans**
- 1. Beas
  - 2. Jhelum
  - 3. Chenab
  - 4. Sutlej

Question ID : **65497842500**  
Status : **Answered**  
Chosen Option : **3**

Section : **Quantitative Aptitude**

**Q.1** The expression  $(\cos^6\theta + \sin^6\theta - 1)(\tan^2\theta + \cot^2\theta + 2) + 1$  is equal to:

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

Question ID : **65497842533**  
Status : **Answered**  
Chosen Option : **2**

**Q.2** A railway engine passes two bridges of lengths 400 m and 235 m in 100 seconds and 60 seconds, respectively. Twice the length of the railway engine (in m) is:

- Ans**
- 1. 24
  - 2. 25
  - 3. 12.5
  - 4. 12

Question ID : **65497842625**  
Status : **Answered**  
Chosen Option : **3**

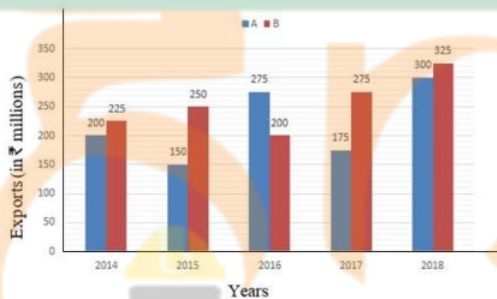
**Q.3** The sides AB and AC of  $\Delta ABC$  are produced to points D and E, respectively. The bisectors of  $\angle CBD$  and  $\angle BCE$  meet at P. If  $\angle A = 88^\circ$ , then the measure of  $\angle P$  is:

- Ans**
- 1.  $46^\circ$
  - 2.  $56^\circ$
  - 3.  $51^\circ$
  - 4.  $61^\circ$

Question ID : **65497842631**  
Status : **Answered**  
Chosen Option : **1**

**Q.4** The given bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Exports of Cars of Type A and B (in ₹ millions) during 2014 to 2018.



In which year are the exports of cars of type A ₹20 million less more than the average exports (per year) of cars of type B?

- Ans**
- 1. 2015
  - 2. 2014
  - 3. 2016
  - 4. 2017

Question ID : **65497844454**  
Status : **Answered**  
Chosen Option : **3**

**Q.5** If  $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$ , then the value of  $(a - b - 7c)$  is:

- Ans**
- 1. 4
  - 2. 3
  - 3. 2
  - 4. 1

Question ID : **65497842628**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** Joseph deposited a total of ₹52,500 in a bank in the names of his two daughters aged 15 years and 16 years in such a way that they would get equal amounts when they become 18 years old. If the bank gives 10% compound interest compounded annually, then what is the amount (in ₹) that Joseph had deposited in the name of his younger daughter?

- Ans**
- 1. 25,500
  - 2. 24,500
  - 3. 25,000
  - 4. 26,000

Question ID : 65497842017  
Status : Answered  
Chosen Option : 3

**Q.7** The circumference of the base of a right circular cylinder is 62.8 cm and its volume is  $8792 \text{ cm}^3$ . What is the curved surface area (in  $\text{cm}^2$ ) of the cylinder? (Take  $\pi = 3.14$ )

- Ans**
- 1. 1695.6
  - 2. 1758.4
  - 3. 1632.8
  - 4. 1570.2

Question ID : 65497844347  
Status : Answered  
Chosen Option : 2

**Q.8** The average of eight consecutive odd numbers is 28. The sum of the smallest and the largest number is:

- Ans**
- 1. 45
  - 2. 52
  - 3. 48
  - 4. 56

Question ID : 65497842820  
Status : Answered  
Chosen Option : 4

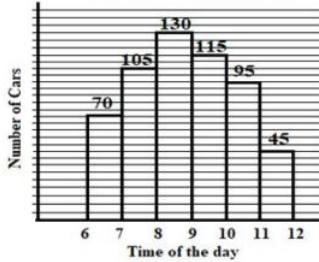
**Q.9** In  $\triangle ABC$ ,  $AB = 7 \text{ cm}$ ,  $BC = 10 \text{ cm}$ , and  $AC = 8 \text{ cm}$ . If  $AD$  is the angle bisector of  $\angle BAC$ , where  $D$  is a point on  $BC$ , then  $\frac{DC}{4}$  (in cm) is equal to:

- Ans**
- 1.  $\frac{14}{3}$
  - 2.  $\frac{4}{3}$
  - 3.  $\frac{11}{3}$
  - 4.  $\frac{7}{3}$

Question ID : 65497842531  
Status : Answered  
Chosen Option : 2

**Q.10** The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

During which hour(s) is the number of cars passed more than the average number of cars passed from 6 am to 11 am?



- Ans**
- 1. 8–9 am, 9–10 am
  - 2. 8–9 am
  - 3. 7–8 am, 8–9 am, 9–10 am, 10–11 am
  - 4. 7–8 am, 8–9 am, 9–10 am

Question ID : **65497842033**  
Status : **Answered**  
Chosen Option : 4

**Q.11** What is the greatest four-digit number which on being divided by 6, 7 and 8 leaves 4, 5 and 6 as remainders, respectively?

- Ans**
- 1. 9910
  - 2. 9920
  - 3. 9921
  - 4. 9912

Question ID : **65497844131**  
Status : **Answered**  
Chosen Option : 1

**Q.12** A poster is on top of a building. A person is standing on the ground at a distance of 50 m from the building. The angles of elevation to the top of the poster and bottom of the poster are  $45^\circ$  and  $30^\circ$ , respectively. What is 200% of the height (in m) of the poster?

- Ans**
- 1.  $\frac{25}{3}(3 - \sqrt{3})$
  - 2.  $\frac{75}{3}(3 - \sqrt{3})$
  - 3.  $\frac{50}{3}(3 - \sqrt{3})$
  - 4.  $\frac{100}{3}(3 - \sqrt{3})$

Question ID : **65497844150**  
Status : **Answered**  
Chosen Option : 4

**Q.13** The ratio of the profits of P and Q is 5 : 8. What is their investment ratio, if their investment time period ratio is 3 : 5?

- Ans**
- 1. 13 : 25
  - 2. 12 : 25
  - 3. 24 : 25
  - 4. 25 : 24

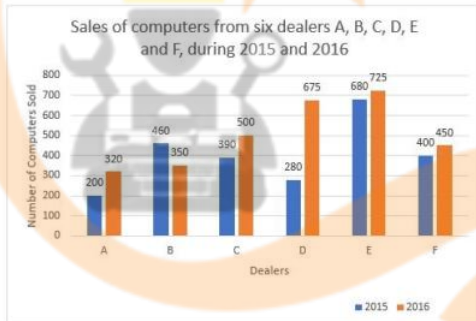
Question ID : **65497842622**  
Status : **Answered**  
Chosen Option : **4**

**Q.14** If a nine digit number  $468x5138y$  is divisible by 72, then the value of  $\sqrt{4x + 3y}$  is:

- Ans**
- 1. 8
  - 2. 9
  - 3. 12
  - 4. 6

Question ID : **65497844332**  
Status : **Answered**  
Chosen Option : **4**

**Q.15** The given bar graph shows the sales of computers from six dealers A, B, C, D, E and F, during two consecutive years 2015 and 2016. Study the graph and answer the question that follows.



What is the ratio of the total sales from dealers A, B and C taken together for the year 2015 to the sales from dealers D, E and F taken together for the year 2016?

- Ans**
- 1. 25 : 39
  - 2. 37 : 21
  - 3. 21 : 37
  - 4. 39 : 25

Question ID : **65497842941**  
Status : **Answered**  
Chosen Option : **3**

Q.16 The value of  $15 + 6.3 \div 7 - 3 \times 1.3 - 2$  is:

- Ans
- 1. 9
  - 2. -10
  - 3. 10
  - 4. 7

Question ID : 65497844132  
Status : Answered  
Chosen Option : 3

Q.17 A river 6 m deep and 35 m wide is flowing at the rate of 2.5 km/h, the amount of water that runs into the sea per minute is:

- Ans
- 1. 8570 m<sup>3</sup>
  - 2. 7850 m<sup>3</sup>
  - 3. 7580 m<sup>3</sup>
  - 4. 8750 m<sup>3</sup>

Question ID : 65497842828  
Status : Answered  
Chosen Option : 4

Q.18 A can complete work in 25 days and B can complete the same work in 20 days. They started the work together but B left after 4 days and A continued to work. In how many days will the entire work be completed?

- Ans
- 1. 25
  - 2. 20
  - 3. 28
  - 4. 22

Question ID : 65497842523  
Status : Answered  
Chosen Option : 2

Q.19 If  $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$ , then the value of  $\sqrt{A^2 + B^2 + C^2}$  is:

- Ans
- 1.  $\sqrt{19}$
  - 2.  $\sqrt{11}$
  - 3.  $\sqrt{17}$
  - 4.  $\sqrt{21}$

Question ID : 65497842526  
Status : Answered  
Chosen Option : 1

**Q.20** The cost prices of two articles A and B are in the ratio 4 : 5. While selling these articles, the shopkeeper gains 10% on article A and 20% profit on article B, and the difference in their selling prices is ₹480. Find 30% of the total cost price (in ₹) of both the articles.

- Ans**
- 1. 1,250
  - 2. 1,000
  - 3. 900
  - 4. 810

Question ID : **65497842520**  
Status : **Answered**  
Chosen Option : **4**

**Q.21** The value of  $2 - \sqrt{\frac{\cot\theta + \cos\theta}{\cot\theta - \cos\theta}}$ , when  $0^\circ < \theta < 90^\circ$  is equal to:

- Ans**
- 1.  $2 + \sec\theta + \tan\theta$
  - 2.  $2 - \sec\theta + \tan\theta$
  - 3.  $2 - \sec\theta - \tan\theta$
  - 4.  $2 + \sec\theta - \tan\theta$

Question ID : **65497842633**  
Status : **Answered**  
Chosen Option : **3**

**Q.22** If a positive number 'k' when multiplied by 30% of itself gives a number which is 170% more than the number 'k', then the number 'k' is equal to:

- Ans**
- 1. 9
  - 2. 5
  - 3. 6
  - 4. 7

Question ID : **65497844337**  
Status : **Answered**  
Chosen Option : **1**

**Q.23** AB is a chord of a circle with centre O, while PAQ is the tangent at A. R is a point on the minor arc AB. If  $\angle BAQ = 70^\circ$ , then find the measure of  $\angle ARB$ .

- Ans**
- 1.  $110^\circ$
  - 2.  $125^\circ$
  - 3.  $70^\circ$
  - 4.  $145^\circ$

Question ID : **65497842023**  
Status : **Answered**  
Chosen Option : **1**

**Q.24** A shopkeeper announces a discount of 48% and then by a further discount of 15%. What is the final sale price (in Rs, to the nearest rupee) of a sofa costing Rs 29600 and what is the discount (in Rs)?

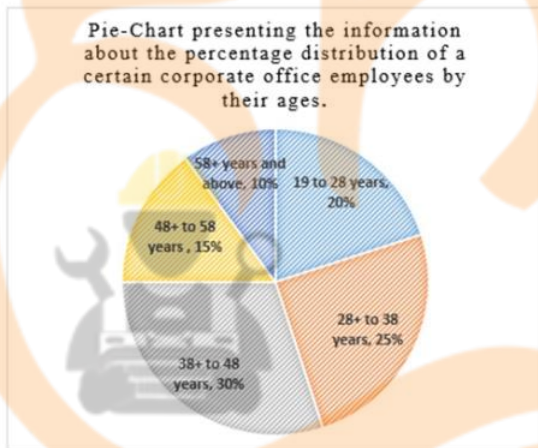
- Ans**
- 1. 13280, 16517
  - 2. 13083, 16517
  - 3. 16517, 13083
  - 4. 16517, 13280

Question ID : **65497844666**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups.

Total number of employees of the corporate office = 2500

Study the chart carefully and answer the question that follows.



What is the central angle (in degrees) corresponding to the age groups 38+ to 48 years and 58+ years and above, taken together?

- Ans**
- 1. 36
  - 2. 144
  - 3. 120
  - 4. 108

Question ID : **65497844152**  
Status : **Answered**  
Chosen Option : **2**



**Q.1 Select the correct passive voice of the given sentence.**

**She has read all the plays of Shakespeare.**

- Ans**  1. All the plays of Shakespeare are read by her.  
 2. All the plays of Shakespeare have been read by her.  
 3. All the plays of Shakespeare had been read by her.  
 4. All the plays of Shakespeare were read by her.

Question ID : **65497842645**  
Status : **Answered**  
Chosen Option : **2**

**Q.2 Select the most appropriate ANTONYM of the given word.**

**Devious**

- Ans**  1. Dishonest  
 2. Crooked  
 3. Crafty  
 4. Sincere

Question ID : **65497842053**  
Status : **Answered**  
Chosen Option : **4**

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

**Threshold**

- Ans**  1. stairs  
 2. exit  
 3. window  
 4. doorway

Question ID : **65497844171**  
Status : **Answered**  
Chosen Option : **2**

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

**OCCUPIED**

- Ans**  1. Late  
 2. Free  
 3. Vast  
 4. New

Question ID : **65497844375**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** Select the option that expresses the given sentence in indirect speech.

“Please allow me to leave now,” Ritika said to her teacher.

- Ans**
- 1. Ritika requested my teacher to allow her to leave now.
  - 2. Ritika requested her teacher to allow her to leave then.
  - 3. Ritika requested her teacher to allow me to leave now.
  - 4. Ritika requested her teacher to allow me to leave then.

Question ID : **65497842046**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** Select the option that can be used as a one-word substitute for the given group of words.

A seat for a passenger on a bicycle or motorbike

- Ans**
- 1. Pillion
  - 2. Girdle
  - 3. Bridle
  - 4. Cushion

Question ID : **65497842662**  
Status : **Answered**  
Chosen Option : **1**

**Q.7** Select the option that expresses the given sentence in passive voice.

You could put your money to good use.

- Ans**
- 1. Your money is being put to good use.
  - 2. Your money could have been put to good use.
  - 3. Your money could be put to good use.
  - 4. Your money has been put to good use.

Question ID : **65497844159**  
Status : **Answered**  
Chosen Option : **3**

**Q.8** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

There have been / three breaks-in / in our society / this month.

- Ans**
- 1. three breaks-in
  - 2. this month
  - 3. in our society
  - 4. There have been

Question ID : **65497842642**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.9** 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.

Take care/ for keep/ your valuables safely.

- Ans**
- 1. Take care
  - 2. your valuables safely
  - 3. for keep
  - 4. No error

Question ID : 65497843448  
Status : Answered  
Chosen Option : 3

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

- Ans**
- 1. Tenure
  - 2. Digonal
  - 3. Partner
  - 4. Oblique

Question ID : 65497842664  
Status : Answered  
Chosen Option : 2

**Q.11** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I shall certainly write to you when I shall reach Bengaluru.

- Ans**
- 1. No substitution required
  - 2. I reach
  - 3. I reached
  - 4. I am reaching

Question ID : 65497844169  
Status : Answered  
Chosen Option : 2

**Q.12** Select the option that can be used as a one-word substitute for the given group of words.

One who knows everything

- Ans**
- 1. Experienced
  - 2. Omniscient
  - 3. Invincible
  - 4. Naïve

Question ID : 65497842562  
Status : Answered  
Chosen Option : 2

Q.13 Select the most appropriate option to fill in the blank.

All the guests were shocked at his \_\_\_\_\_ laughter.

- Ans
- 1. Unrecognised
  - 2. Unrestrained
  - 3. Unresolved
  - 4. Unremarkable

Question ID : 65497842564  
Status : Answered  
Chosen Option : 2

Q.14 Select the most appropriate meaning of the given idiom.

Easy money

- Ans
- 1. Collect someone's cash for them easily
  - 2. Work hard to earn a large salary without telling anyone
  - 3. Have no difficulty in collecting money that is due
  - 4. Make money without much effort, maybe illegally

Question ID : 65497844377  
Status : Answered  
Chosen Option : 4

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

While the online class was going on, they had to keep their cameras on.

- Ans
- 1. No substitution required
  - 2. have kept their cameras on
  - 3. are keeping their camera on
  - 4. had keep the camera on

Question ID : 65497844370  
Status : Answered  
Chosen Option : 1

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

Perjury

- Ans
- 1. Melancholy
  - 2. Frankness
  - 3. Penury
  - 4. Falsehood

Question ID : 65497842657  
Status : Answered  
Chosen Option : 4

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

To bury the hatchet

- Ans
- 1. To stop talking to someone
  - 2. To end a quarrel
  - 3. To bury old things
  - 4. To fight with someone

Question ID : 65497842055  
Status : Answered  
Chosen Option : 2

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Nowadays, common people take / interest in the manner / in which / they were governed.

- Ans
- 1. they were governed
  - 2. Nowadays common people take
  - 3. interest in the manner
  - 4. in which

Question ID : 65497842037  
Status : Not Answered  
Chosen Option : --

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. But instead of asking the guest to rest, he said, "I have arranged to take you for Shikar."
- B. The host welcomed him warmly.
- C. At last he arrived at the beautiful city.
- D. Great preparations were made for Amir of Isfahan's journey to Shiraz.

- Ans
- 1. CADB
  - 2. DCBA
  - 3. DCAB
  - 4. BDCA

Question ID : 65497844170  
Status : Answered  
Chosen Option : 2

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He / can have been / more polite / to her.

- Ans
- 1. more polite
  - 2. He
  - 3. to her
  - 4. can have been

Question ID : 65497843045  
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.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 21**

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

- Ans**  1. rose  
 2. arose  
 3. rise  
 4. arises

Question ID : 65497842546

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.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 22**

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

- Ans**  1. donations  
 2. awards  
 3. gifts  
 4. rewards

Question ID : 65497842547

Status : Answered

Chosen Option : 2

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