







































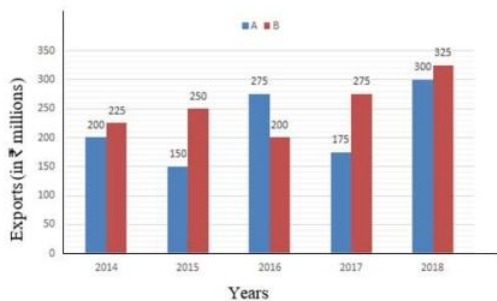
**Q.3** The sides AB and AC of  $\Delta ABC$  are produced to points D and E, respectively. The bisectors of  $\angle CBD$  and  $\angle BCE$  meet at P. If  $\angle A = 88^\circ$ , then the measure of  $\angle P$  is:

- 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 cm<sup>3</sup>. What is the curved surface area (in cm<sup>2</sup>) 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

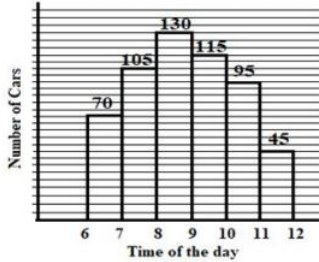
**Q.9** In  $\triangle ABC$ ,  $AB = 7$  cm,  $BC = 10$  cm, and  $AC = 8$  cm. If  $AD$  is the angle bisector of  $\angle BAC$ , where  $D$  is a point on  $BC$ , then  $\frac{DC}{4}$  (in cm) is equal to:

- 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

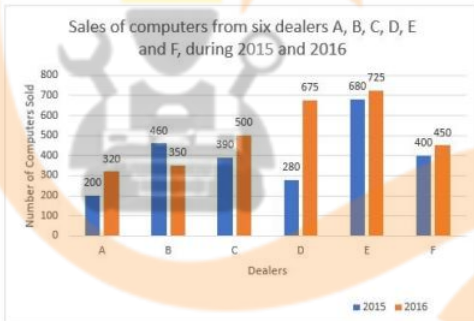
Question ID : **65497842622**  
Status : **Answered**  
Chosen Option : **4**

**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)?

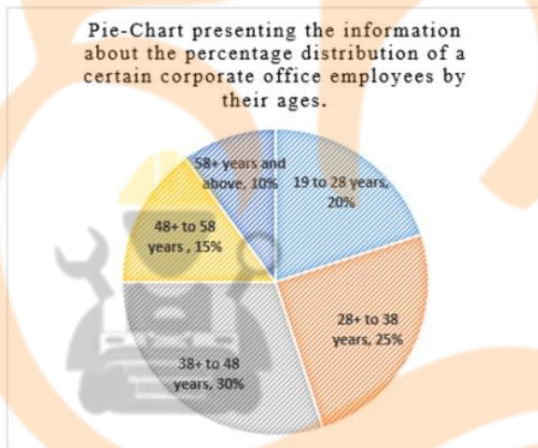
- Ans**
- 1. 13280, 16517
  - 2. 13083, 16517
  - 3. 16517, 13083
  - 4. 16517, 13280

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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