

Q.1 Three numbers are coprime to each other such that the product of the first two numbers is 88 and that of the last two numbers is 165. The sum of all three numbers is:

- Ans**
- 1. 44
 - 2. 38
 - 3. 36
 - 4. 34

Question ID : 65497815369
Chosen Option : 4

Q.2 The length and breadth of a rectangle are increased by 25% and 32%, respectively. The percentage increase in the area of the resulting rectangle will be:

- Ans**
- 1. 65%
 - 2. 60%
 - 3. 62%
 - 4. 64%

Question ID : 65497815367
Chosen Option : 1

Q.3 The ratio of the numbers of boys and girls in a school is 5 : 7. Which of the following could be the total number of students in the school?

- Ans**
- 1. 1440
 - 2. 1442
 - 3. 1502
 - 4. 1441

Question ID : 65497815360
Chosen Option : 1

Q.4 A dealer marked the price of an item at 50% above the cost price. He allowed two successive discounts of 30% and 25% to a particular customer. As a result, he incurred a loss of ₹850. At what price did he sell the item to the said customer?

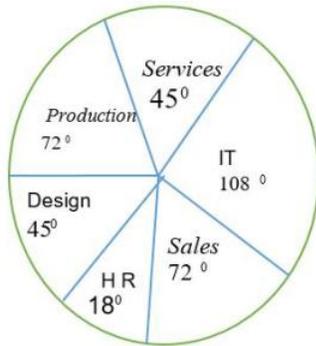
- Ans**
- 1. ₹3,150
 - 2. ₹3,250
 - 3. ₹3,050
 - 4. ₹3,200

Question ID : 65497815356
Chosen Option : --

Q.5 Study the following pie chart and table and answer the question that follows.

The number of people in a company working in various fields

Total number of people working = 2800



Percentage of females in the company working in various fields:

Field	Percentage
IT	45%
Sales	40%
HR	75%
Design	60%
Production	20%
Services	25%

The number of females working in HR is what percentage of the total number of people working in all the fields together?

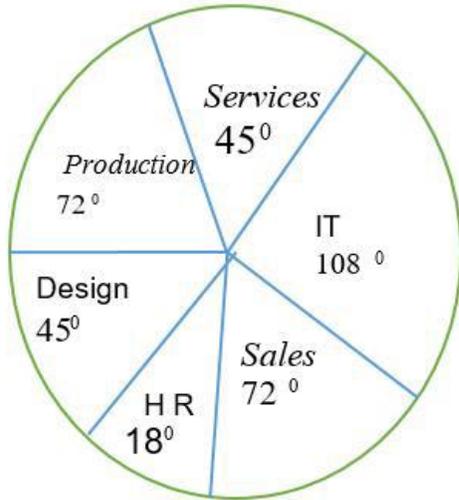
- Ans**
- 1. 3.25%
 - 2. 3.5%
 - 3. 4%
 - 4. 3.75%

Question ID : 65497815373
Chosen Option : 4

Q.6 Study the following pie chart and table and answer the question that follows.

The number of people in a company working in various fields

Total number of people working = 2800



Percentage of females in the company working in various fields:

Field	Percentage
IT	45%
Sales	40%
HR	75%
Design	60%
Production	20%
Services	25%

The number of females working in the field of Design is:

- Ans**
- 1. 220
 - 2. 210
 - 3. 240
 - 4. 200

Question ID : 65497815372
Chosen Option : 2

Q.7 A man walked at a speed of 6 km/h from point A to B, and came back from point B to A at a speed of 10 km/h. Find the ratio of the time taken by the man in walking from A to B to that from B to A.

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

Question ID : 65497815352
Chosen Option : 3

Q.8 In what time will ₹9,600 become ₹11,094 at $7\frac{1}{2}\%$ p.a. compounded annually?

- Ans
- 1. 3 years
 - 2. 2 years
 - 3. $2\frac{1}{2}$ years
 - 4. $1\frac{1}{2}$ years

Question ID : 65497815363
Chosen Option : 2

Q.9 A train takes 1 hour and 12 minutes to cover a certain distance at a speed of 90 km/h. If the speed is increased by 40%, then how long will it take to cover $\frac{7}{3}$ of the distance?

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

Question ID : 65497815353
Chosen Option : 2

Q.10 A sum of ₹12,500 amounts to ₹16,250 in 4 years at simple interest per annum. If the interest rate is increased by 2.5% per annum, then the increased amount for the same period is:

- Ans
- 1. ₹17,500
 - 2. ₹17,000
 - 3. ₹18,000
 - 4. ₹18,250

Question ID : 65497815364
Chosen Option : 1

Q.11 An article is sold at a profit of $13\frac{1}{4}\%$. Had it been sold for ₹76.70 more, the profit would have been $16\frac{1}{5}\%$. The cost price of the article is:

- Ans
- 1. ₹3,400
 - 2. ₹3,600
 - 3. ₹2,600
 - 4. ₹2,500

Question ID : 65497815359
Chosen Option : 3

Q.12 The radius of a cylinder is increased by 20% and its height is decreased by 45%. What is the percentage increase/decrease in the volume of the cylinder?

- Ans
- 1. Increase, 25%
 - 2. Decrease, 20.8%
 - 3. Decrease, 25%
 - 4. Increase, 20.8%

Question ID : 65497814765
Chosen Option : 2

Q.13 The value of $5 \text{ of } 8 - 6 + [(27 - 3) \div 6 - 4]$ is:

- Ans
- 1. 19
 - 2. 34
 - 3. 54
 - 4. 26

Question ID : 65497816986
Chosen Option : 2

Q.14 5 men and 6 women can earn ₹10,500 in 6 days. 8 men and 12 women can earn ₹24,800 in 8 days. In how many days will 7 men and 10 women earn ₹26,500?

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

Question ID : 65497815351
Chosen Option : 4

Q.15 When the numerator of a fraction is increased by 25% and the denominator is increased by $31\frac{1}{4}\%$, it becomes $\frac{5}{14}$. Find the fraction.

- Ans
- 1. $\frac{3}{8}$
 - 2. $\frac{3}{11}$
 - 3. $\frac{7}{8}$
 - 4. $\frac{5}{8}$

Question ID : 65497815357
Chosen Option : 1

Q.16 The mean of 70 items was 32. Later, it was discovered that two items were misread as 64 and 28 instead of 46 and 81.

The correct mean is:

- Ans**
- ✓ 1. 32.5
 - ✗ 2. 34
 - ✗ 3. 33
 - ✗ 4. 31

Question ID : 65497815365

Chosen Option : 1

Q.17 The sum of the radius of the base and slant height of a right circular cone is 49 cm. If the total surface area is 1848 cm², then its height is:

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

- Ans**
- ✗ 1. 36 cm
 - ✗ 2. 30 cm
 - ✗ 3. 32 cm
 - ✓ 4. 35 cm

Question ID : 65497815368

Chosen Option : 4

Q.18 ₹86,581 is divided among A and B in the ratio of 9 : 2. The difference between 4 times the share of A and 10 times the share of B is:

- Ans**
- ✓ 1. ₹1,25,936
 - ✗ 2. ₹1,35,936
 - ✗ 3. ₹1,36,952
 - ✗ 4. ₹1,25,963

Question ID : 65497815361

Chosen Option : 1

Q.19 A and B can do a work in 21 days and 14 days, respectively. They started the work by working together, but after 5 days, due to some reasons, B left the work and A completed the remaining work. The whole work was completed in:

- Ans**
- ✗ 1. 13 days
 - ✓ 2. $13\frac{1}{2}$ days
 - ✗ 3. $10\frac{1}{2}$ days
 - ✗ 4. $12\frac{1}{2}$ days

Question ID : 65497815350

Chosen Option : 2

Q.20 The present ages of a mother and her son are in the ratio of 6 : 1. When the son becomes as old as his mother now, then the ratio of his father's age to his mother's age is 13 : 11. When the son becomes as old as his father now, then the sum of the ages of the father and son will be 115 years. The present age of the father is:

- Ans**
- 1. 40 years
 - 2. 45 years
 - 3. 42 years
 - 4. 44 years

Question ID : 65497815362
Chosen Option : --

Q.21 The average age of two persons 5 years ago was 7.5 years. Find their average age after 5 years.

- Ans**
- 1. 18 years
 - 2. 17.5 years
 - 3. 18.5 years
 - 4. 17 years

Question ID : 65497815354
Chosen Option : 2

Q.22 The selling price of 28 articles is the same as the cost price of 18 articles. Find the profit or loss percentage.

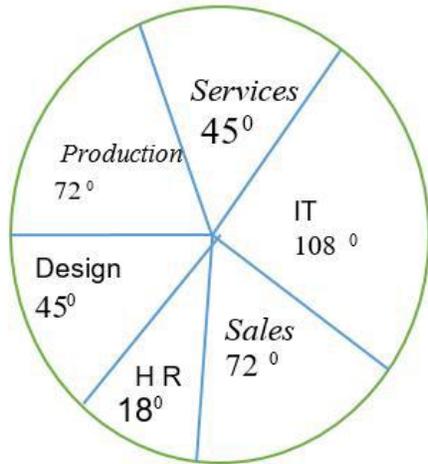
- Ans**
- 1. Profit $35\frac{5}{7}\%$
 - 2. Loss $32\frac{5}{7}\%$
 - 3. Loss $35\frac{5}{7}\%$
 - 4. Profit $32\frac{5}{7}\%$

Question ID : 65497815358
Chosen Option : 3

Q.23 Study the following pie chart and table and answer the question given that follows.

The number of people in a company working in various fields

Total number of people working = 2800



Percentage of females in the company working in various fields:

Field	Percentage
IT	45%
Sales	40%
HR	75%
Design	60%
Production	20%
Services	25%

The total number of males working in the fields of Sales and IT is:

- Ans**
- 1. 698
 - 2. 798
 - 3. 788
 - 4. 789

Question ID : 65497815374
Chosen Option : 2

Q.24 Let x and y be two positive numbers such that $x > y$. The average of 50% of x and 30% of y is 34.5. If the difference between x and y is 10, then the average of x and y is:

- Ans**
- 1. 85
 - 2. 80
 - 3. 75
 - 4. 64

Question ID : 65497815355
Chosen Option : 1

Q.25 The perimeter and area of a rectangular sheet are 94 m and 420 m^2 respectively. The length of the diagonal will be:

- Ans**
- 1. 32 m
 - 2. 36 m
 - 3. 35 m
 - 4. 37 m

Question ID : 65497815366
Chosen Option : 4