

Q.1 A shoe company offers a discount of 25% and then a further discount of 42%. What is the final sale price (in ₹) of a pair of shoes costing ₹2,800?

- Ans**
- 1. 1,220
 - 2. 1,228
 - 3. 1,218
 - 4. 1,210

Question ID : 65497832855
Status : Answered
Chosen Option : 3

Q.2 A shopkeeper bought 600 oranges and 400 bananas. He found that 30% of oranges and 18% of bananas were rotten. Find the percentage of the fruits in good condition.

- Ans**
- 1. 64.8
 - 2. 70.8
 - 3. 78.8
 - 4. 74.8

Question ID : 65497832845
Status : Answered
Chosen Option : 4

Q.3 There is a number greater than 1 which when divided by 4, 5 and 6 leaves the same remainder 3 in each case. Find the largest number, smaller than 500 which satisfies the given condition.

- Ans**
- 1. 483
 - 2. 493
 - 3. 486
 - 4. 484

Question ID : 65497832844
Status : Answered
Chosen Option : 1

Q.4 Find the value of $[52 - 4 \text{ of } (17 - 12) + 4 \times 7] \div [30 \div 15 \times 5]$.

- Ans**
- 1. 6
 - 2. 8
 - 3. 10
 - 4. 12

Question ID : 65497832842
Status : Answered
Chosen Option : 1

Q.5 Two numbers are in the ratio of 3 : 4. If 60% of the first number is 144, then 30% of the second number will be:

- Ans**
- 1. 69
 - 2. 120
 - 3. 96
 - 4. 92

Question ID : 65497832848
Status : Answered
Chosen Option : 3

Q.6 The average of ten consecutive odd numbers is 46. The average of smallest and the greatest number is:

- Ans**
- 1. 54
 - 2. 46
 - 3. 50
 - 4. 38

Question ID : 65497832837
Status : Answered
Chosen Option : 2

Q.7 The average of three numbers is 180. If the third number is greater by 10 than $\frac{1}{3}$ of the first number and less by 5 than the second number, then the third number is:

- Ans**
- 1. 103
 - 2. 115
 - 3. 113
 - 4. 118

Question ID : 65497832846
Status : Answered
Chosen Option : 3

Q.8 A person can row a yacht along the stream at a speed of 9 km/h and against the stream at a speed of 7 km/h. The speed of the stream is:

- Ans**
- 1. 1 km/h
 - 2. 1.5 km/h
 - 3. 2 km/h
 - 4. $\frac{3}{4}$ km/h

Question ID : 65497832850
Status : Answered
Chosen Option : 1

Q.9 A sum at a certain rate of simple interest becomes ₹37,200 after 3 years and ₹42,000 after 5 years. Find the simple interest (in ₹) on the same sum at 6% per annum for 8 years.

- Ans**
- 1. 14,000
 - 2. 14,750
 - 3. 14,260
 - 4. 14,400

Question ID : 65497832857

Status : Answered

Chosen Option : 4

Q.10 A shopkeeper sold $\frac{1}{4}$ of his stock at a gain of 25%, and the remaining stock at a gain of 19%. His total percentage of gain was:

- Ans**
- 1. 22.5%
 - 2. 20.5%
 - 3. 18.7%
 - 4. 12.9%

Question ID : 65497832834

Status : Answered

Chosen Option : 2

Q.11 Two numbers are 8% and 28%, respectively, more than a third number. What is the ratio between the two numbers?

- Ans**
- 1. 2 : 7
 - 2. 27 : 32
 - 3. 5 : 6
 - 4. 5 : 9

Question ID : 65497832856

Status : Answered

Chosen Option : 2

Q.12 If X and Y together can complete a work in 10 days, Y and Z can complete the work in 12 days, and Z and X can complete the work in 15 days, then X alone will complete the work in:

- Ans**
- 1. 24 days
 - 2. 20 days
 - 3. 28 days
 - 4. 30 days

Question ID : 65497832849

Status : Answered

Chosen Option : 1

Q.13 The sum of two numbers is 342 and their HCF is 19. How many pairs of such numbers can be formed?

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

Question ID : 65497832836

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.14 If P can complete $\frac{1}{3}$ of a work in 6 days and Q can complete $\frac{1}{4}$ of the same work in 9 days, how much will Q get if both work together and are paid in advance ₹210 in all?

- Ans 1. ₹70
 2. ₹95
 3. ₹105
 4. ₹140

Question ID : 65497832854

Status : Answered

Chosen Option : 1

Q.15 When an article is sold for ₹242.50, there is a loss of 3%. What will be the selling price, if the article is sold at a gain of 13%?

- Ans 1. ₹275.80
 2. ₹270.40
 3. ₹300.60
 4. ₹282.50

Question ID : 65497832851

Status : Answered

Chosen Option : 4

Q.16 Divide ₹12,100 into 2 parts such that when these are invested for 3 and 4 years, respectively, at the rate of 6% per annum simple interest, the amounts received are equal. What is 75% of the difference between the two parts (in ₹)?

- Ans 1. 225
 2. 200
 3. 300
 4. 400

Question ID : 65497832839

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.17 A metallic slab having dimensions $16\text{ cm} \times 12\text{ cm} \times 9\text{ cm}$ is melted and recast in the shape of a cube. What is the surface area (in cm^2) of the cube?

- Ans
- 1. 865
 - 2. 864
 - 3. 880
 - 4. 860

Question ID : **65497832858**
Status : **Answered**
Chosen Option : **2**

Q.18 A certain sum amounts to ₹17,925 in 3 years and to ₹21,825 in 7 years at the same rate per cent per annum at simple interest. What will be the simple interest (in ₹) on a sum of ₹18,500 for $4\frac{2}{5}$ years at double the earlier rate?

- Ans
- 1. 7,625
 - 2. 8,245
 - 3. 10,582
 - 4. 9,876

Question ID : **65497832835**
Status : **Answered**
Chosen Option : **3**

Q.19 A man goes to his office from his house at a speed of 4 km/h and returns at a speed of 2 km/h. If he takes 6 hours in going and coming, what is the distance between his house and office?

- Ans
- 1. 8 km
 - 2. 8.5 km
 - 3. 6 km
 - 4. 4 km

Question ID : **65497832843**
Status : **Answered**
Chosen Option : **1**

Q.20 A vendor bought candies at 12 for ₹20 and sold them at 6 for ₹12. Find his percentage gain or loss.

- Ans
- 1. 25% loss
 - 2. 15% gain
 - 3. 20% gain
 - 4. 30% loss

Question ID : **65497832853**
Status : **Answered**
Chosen Option : **3**

Q.21 Find the value of $5 \div [6 \text{ of } 2 + (3 \times 7 \div (5 \text{ of } 3))]$.

- Ans
- 1. $\frac{17}{25}$
 - 2. $\frac{67}{5}$
 - 3. $\frac{25}{67}$
 - 4. $\frac{67}{15}$

Question ID : 65497832852

Status : Answered

Chosen Option : 3

Q.22 If $\frac{a}{b} : \frac{7}{5}$, then what will be the value of $\frac{(5a+4b)}{5a-4b}$?

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

Question ID : 65497832840

Status : Answered

Chosen Option : 1

Q.23 A sum of ₹ x is divided between A, B and C such that the ratio of shares of A and B is 3 : 5 and that of B and C is 4 : 7. If the difference between the shares of B and C is ₹1,455, then the value of x is:

- Ans
- 1. ₹5,335
 - 2. ₹6,944
 - 3. ₹6,499
 - 4. ₹3,395

Question ID : 65497832838

Status : Answered

Chosen Option : 3

Q.24 A conical cavity is drilled in a solid right circular cylinder of 6 cm height and 16 cm base diameter. The height and the base diameter of the cone are the same as those of the cylinder. Determine total surface area of the remaining solid?

- Ans**
- 1. $440 \pi \text{ cm}^2$
 - 2. $210 \pi \text{ cm}^2$
 - 3. $220 \pi \text{ cm}^2$
 - 4. $240 \pi \text{ cm}^2$

Question ID : **65497832841**
Status : **Answered**
Chosen Option : **4**

Q.25 A shopkeeper offers 25% discount on the Marked Price Another shopkeeper offers three successive discounts of 5%, 12% and 10% on the same Marked Price. The difference between the discounts given by two shopkeepers is:

- Ans**
- 1. 1.12%
 - 2. 2.00%
 - 3. 1.00%
 - 4. 0.24%

Question ID : **65497832847**
Status : **Answered**
Chosen Option : **4**