

Q.1 The value of $42 \div 9$ of $6 - [64 \div 48 \times 3 - 15 \div 8 \times (11 - 17) \div 9] \div 14$ is:

- Ans
- 1. $\frac{19}{36}$
 - 2. $\frac{7}{18}$
 - 3. $\frac{29}{72}$
 - 4. $\frac{5}{12}$

Question ID : 65497829551

Status : Not Answered

Chosen Option : --

Q.2 A can do $\frac{2}{5}$ of a work in 6 days and B can do 30% of the same work in 3 days. They worked together for 4 days. The remaining work was completed by C alone in 6 days. B and C together can complete 70% of the original work in:

- Ans
- 1. $5\frac{1}{2}$ days
 - 2. 4 days
 - 3. 5 days
 - 4. $4\frac{1}{2}$ days

Question ID : 65497829553

Status : Answered

Chosen Option : 4

Q.3 The amount of a certain sum in 3 years at simple interest at $x\%$ p.a. is ₹5,472 and the amount of the same sum in $7\frac{1}{2}$ years at the same rate, at simple interest is ₹6,930. The value of x is:

- Ans
- 1. 7.2
 - 2. 8.5
 - 3. 8
 - 4. 6.5

Question ID : 65497829555

Status : Not Answered

Chosen Option : --

Q.4 There are two sections A and B of a class, consisting of 38 and 42 students, respectively. If the average weight of the students of section A is 55 kg and that of section B is 32 kg, find the average weight of all the students in the class.

- Ans
- 1. 42 kg
 - 2. 42.925 kg
 - 3. 44.925 kg
 - 4. 40.925 kg

Question ID : 65497829537

Status : Answered

Chosen Option : 2

Q.5 A dealer sold an article at a loss of 4%. Had he sold it for ₹120 more, he would have gained 8%. To gain 11%, he should sell the article for?

- Ans**
- 1. ₹1,110
 - 2. ₹1,200
 - 3. ₹1,320
 - 4. ₹1,210

Question ID : **65497829549**
Status : **Answered**
Chosen Option : **1**

Q.6 A sum fetched a simple interest of ₹3,040 at the rate of 8 % p.a. in 5 years. What is the sum?

- Ans**
- 1. ₹8,600
 - 2. ₹7,600
 - 3. ₹7,700
 - 4. ₹6,600

Question ID : **65497829539**
Status : **Answered**
Chosen Option : **2**

Q.7 The greatest number that on dividing 2675 and 2320 leaves the remainders 5 and 6, respectively, is:

- Ans**
- 1. 168
 - 2. 170
 - 3. 187
 - 4. 178

Question ID : **65497829536**
Status : **Answered**
Chosen Option : **4**

Q.8 Speed of an aircraft is 120 km/min. This speed in m/sec is:

- Ans**
- 1. 120000
 - 2. 12000
 - 3. 1200
 - 4. 2000

Question ID : **65497829543**
Status : **Answered**
Chosen Option : **4**

Q.9 A and B can complete a piece of work in 120 days, B and C can complete it in 150 days, and A and C can complete it in 200 days. In how many days can B alone complete two-fifths of the same work?

- Ans**
- 1. 200
 - 2. 100
 - 3. 80
 - 4. 175

Question ID : **65497829547**
Status : **Answered**
Chosen Option : **3**

Q.10 If the sides of a triangle measure 21 cm, 35 cm and 28 cm, what is the measure of its in radius? (in cm)

- Ans**
- 1. 8 cm
 - 2. 7 cm
 - 3. 21 cm
 - 4. 9 cm

Question ID : **65497829541**
Status : **Not Answered**
Chosen Option : --

Q.11 After giving a discount of 20% on the marked price of an article, it is sold for ₹120. Had the discount not been given, the profit would have been 20%. What is the cost price of the article?

- Ans**
- 1. ₹120
 - 2. ₹130
 - 3. ₹100
 - 4. ₹125

Question ID : **65497829550**
Status : **Answered**
Chosen Option : **4**

Q.12 A discount of 20% on the price of an article is the same as a discount of 25% on the price of another article. The prices of the two articles will be, respectively:

- Ans**
- 1. ₹40 and ₹50
 - 2. ₹60 and ₹50
 - 3. ₹50 and ₹40
 - 4. ₹50 and ₹60

Question ID : **65497829545**
Status : **Answered**
Chosen Option : **3**

Q.13 The sides of a triangular park are 96 m, 110 m and 146 m. Its area is equal to the area of a field in the shape of a rhombus, one of whose diagonals is 60 m. The length (in m) of its other diagonal is:

- Ans 1. 176
 2. 132
 3. 218
 4. 88

Question ID : **65497829556**
Status : **Not Answered**
Chosen Option : --

Q.14 What is the third proportional to 9 and 36?

- Ans 1. 72
 2. 288
 3. 144
 4. 122

Question ID : **65497829540**
Status : **Answered**
Chosen Option : 3

Q.15 Solve the following:

$$523 + 523 \times 523 \div 523$$

- Ans 1. 1005
 2. 1235
 3. 1542
 4. 1046

Question ID : **65497829542**
Status : **Answered**
Chosen Option : 4

Q.16 A shopkeeper has some toys. He sells two-third of the toys at a profit of 35% and the remaining toys at 10% loss. What is his overall percentage of profit?

- Ans 1. 16%
 2. 20%
 3. 18%
 4. 25%

Question ID : **65497829552**
Status : **Answered**
Chosen Option : 2

Q.17 Two trains start from places A and B, respectively, and travel towards each other at the speeds of 60 km/h and 50 km/h, respectively. By the time they meet, the faster train has travelled 110 km more than the slower train. What is the distance between A and B?

- Ans**
- 1. 1100 km
 - 2. 1200 km
 - 3. 1150 km
 - 4. 1210 km

Question ID : 65497829548
Status : Answered
Chosen Option : 4

Q.18 The ratio of two numbers is 9 : 5. If 8 is added to the larger number and 4 is subtracted from the smaller number, the greater number becomes twice the smaller number. The larger number is:

- Ans**
- 1. 110
 - 2. 104
 - 3. 144
 - 4. 114

Question ID : 65497829538
Status : Answered
Chosen Option : 3

Q.19 Vignesh spends 42% of his monthly salary on food, 16% on house rent, 11% on entertainment and 7% on conveyance. But due to some family function, he has to borrow ₹12,000 from a money lender to meet the expenses of ₹18,000. What is his monthly salary?

- Ans**
- 1. ₹20,000
 - 2. ₹24,000
 - 3. ₹30,000
 - 4. ₹25,000

Question ID : 65497829535
Status : Answered
Chosen Option : 4

Q.20 The average of 4, 6, 8, 12 and x is 7 and the average of x , 9, 13, 15 and y is 9. What is the value of $2x - 3y$?

- Ans**
- 1. 5
 - 2. 3
 - 3. 19
 - 4. 1

Question ID : 65497829544
Status : Answered
Chosen Option : 4

Q.21 If the compound interest on a certain sum of money for two years at 9% p.a. is ₹3,762, then the sum is:

- Ans
- 1. ₹20,000
 - 2. ₹18,000
 - 3. ₹25,000
 - 4. ₹24,000

Question ID : 65497829533
Status : Answered
Chosen Option : 1

Q.22 The ratio of the ages of A, B and C, 5 years ago, was 4 : 5 : 7. The sum of their present ages is 135 years. What will be the sum of the ages (in years) of B and C, 3 years from now?

- Ans
- 1. 100
 - 2. 96
 - 3. 106
 - 4. 112

Question ID : 65497829554
Status : Answered
Chosen Option : 2

Q.23 Three numbers are in the ratio 4 : 9 : 13 and their LCM is 2340. Their HCF is:

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

Question ID : 65497829534
Status : Answered
Chosen Option : 4

Q.24 A man sells two articles at ₹9,180 each. He gains 8% on one article and loses 15% on the other. His overall profit or loss is:

- Ans
- 1. Profit ₹840
 - 2. Loss ₹840
 - 3. Loss ₹940
 - 4. Profit ₹940

Question ID : 65497829532
Status : Not Answered
Chosen Option : --

Q.25 The price of a car increased by 5% while its sales decreased by 16%. What is the percentage change in the total revenue?

- Ans
- 1. 5% decrease
 - 2. 9% increase
 - 3. 9% decrease
 - 4. 5% increase

Question ID : 65497829546
Status : Not Answered
Chosen Option : --