

Directions (Q.No.1-5): What should come in place of question mark (?) in the following questions?

1. $(25)^3 \div 625 \times 5^5 = ?$
1) 8 2) 6 3) 7 4) 2 5) None of these
2. $23 \times 15 \div 25 - ? + 48.2 = -35$
1) 68 2) 86 3) 91
4) 97 5) None of these
3. $120 \times ? = 10 \div \frac{126 \times 0.5}{63 \times 2} \times 12$
1) 12 2) 4 3) 3 4) 2 5) None of these

$$4. \frac{((12)^{-2})^2}{((12)^{-2})^{-2}} = ?$$

1) 12 2) 144 3) 64
4) 24 5) None of these

$$5. 910.5 \times 95.1 \div 91.2 = ?$$

1) 14.4 2) 7.2 3) 6.6
4) 4.2 5) None of these

6. The average marks of a student in Maths and English is 75. His average of marks in Maths and Science is 65. What is the difference between the marks which he obtained in English and Science?

1) 20 2) 10 3) 30
4) 25 5) None of these

7. A sells an article to B at a gain of 15% and B sells it to C at a gain of 10%. If C pays Rs.506 for it, what did it cost to A?

1) Rs.320 2) Rs.425
3) Rs.375 4) Rs.400
5) None of these

8. When 40% of first number is added to the second number the second number becomes 1.2 times of itself. What is the ratio between the first and second numbers?

1) 2 : 3 2) 4 : 3 3) 1 : 2
4) 5 : 7 5) None of these

9. A bag contains of one rupee, 50 paise and 25 paise coins. If these coins are in the ratio of 2 : 3 : 10, and the total amount of coins is Rs.288, find the number of 25 paise coins in the bag.



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- 1) 144 2) 96 3) 192
4) 480 5) None of these

10. If the petrol rates are increased by 20%, find by what percent a consumer has to reduce his consumption so that there is no change in his expenditure on petrol.

- 1) 20% 2) 15% 3) 12.5%
4) 25% 5) None of these

11. A boat covers 90 km downstream or 66 km upstream in the same time. If the speed of the current is 2 kmph, find the speed of the boat.

- 1) 18 kmph 2) 13 kmph 3) 11 kmph
4) 9 kmph 5) None of these

12. A car takes 5 hours to cover a distance of 300 km. How much should the speed in kmph be maintained to cover the same distance in $\frac{4}{5}$ th of the previous time?

- 1) 90 kmph 2) 50 kmph 3) 60 kmph
4) 75 kmph 5) None of these

13. 16 men can do a piece of work in 16 days. 4 days after they started the work, 8 more