



## Maths Important Question

Q.1 A and B enters into a partnership with capitals as 5:6, and at the end of 8 months, A withdraws. If they receive profits in the ratio of 5:9, find how long B's Capital was used?

a. 10 Months b. 11 Months c. 9 Months d. 12 Months

Q. 2. There would be 10% loss if rice is sold at Rs. 5.40 per kg. At what price per kg should it be sold to earn a profit of 20%?

a. 6.2 per kg b. 7.2 per kg c. 10.8 per kg d.9.2 per kg

Q. 3. In how many words can be the letters of the word INTERMEDIATE be arranged?

a. 19999 b. 199589 c. 19958400 d.19945800

Q. 4. What is the least no by which 825 must be multiplied in order to produce a multiple of 715?

a.13 b. 17 c. 11 d. 16

Q. 5. 40 litres of a mixture of milk and water contain 10% of water. How much water must be added to make the water 20% in the new mixture?

a. 4 litres b. 6 litres c. 5 litres d.7 litres

Q. 6. The age of a man is 4 times that of his son. 5 years ago, the man was 9 times as old as his son was at that time. What is the present age of the man?

a. 32 yrs b. 34 yrs c. 36 yrs d.30 yrs

Q. 7. Joseph purchased a horse at  $\frac{9}{10}$  of its selling price and sold it at 8% more than its selling price. Find his gain per cent?

a. 10% b. 15 % c. 20% d.24%

Q. 8. Find the greatest no of 4 digits and the least no of 5 digits that have 144 as their HCF?

a. 10,000 b. 10,080 c. 11,080 d. 9,998

Q. 9. A horse worth Rs 9000 is sold by A to B at 10% loss. B sells the horse back to A at 10% gain. Who gains?

a. a - 10% b. b - 10% c. a - 5% d. b - 5%

Q. 10 A man sells an article at 5% profit. If he had bought it at 5% less and sold it for Re. 1 less, he would have gained 10%. Find the cost price?

a. Rs 200 b. Rs 100 c. Rs. 150 d. Rs 250

**Which of the following does not fit in the series? (From Questions 11 to 15 )**

Q. 11. 7, 10, 12, 14, 17, 19, 22, 22

a. 10 b. 17 c. 19 d. 22

Q. 12. 2, 1, 10, 19, 14, 7, 16

a. 2 b. 1 c. 10 d. 19

Q. 13. 2185, 727, 241, 79, 30, 7, 1

a. 2185 b. 241 c. 30 d. 1

Q. 14 1, 1, 1, 4, 2, 1, 9, 5, 1, 16

a. 14 b. 1 c. 2 d. 5

Q. 15 -1, 5, 20, 59, 119, 209, 335

a. 20 b. 119 c. 209 d. 335

Ans - 1. a 2. b 3. c 4. d 5. c 6. a 7. c 8. b 9. b 10. a 11. c 12. c 13. d 14. d 15. A



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