1. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, find out the value of x.

*A. 15* ***B. 16*** C. 18 D. 25

2. If selling price is doubled, the profit triples. What is the profit percent?

**A. 100 %** B. 105 1/3 % C. 66 2/3 % D. 120 %

3. Some articles were bought at 6 articles for Rs. 5 and sold at 5 articles for Rs. 6. What is the gain percentage?

**A. 44%** B. 33.33% C. 30% D. 25%

4. On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. What is the cost price of a ball?

A. Rs. 43 **B. Rs. 60** C. Rs. 55 D. Rs. 34

5. A shopkeeper sells his goods at cost price but uses a weight of 800 gm instead of kilogram weight. What is his profit percentage?

A. 18% B. 20% **C. 25%** D. 40%

6. A trader keeps the marked price of an item 35% above its cost price. The percentage of discount allowed to gain 8% is

A. 27% B. 17% C. 25% **D. 20%**

7. The total cost price of two items is 10200/- and their selling price are equal if one of the two items sold at a loss of 12% and another at a loss of 18% then the cost price of the item sold at a loss of 18% is?

A. 5100 **B. 5280** C. 4920 D. 4329.6

8. A machine is sold at a loss of 10%. Had it been sold at a profit of 15%, it would have fetched Rs. 50 more. The cost price of the machine is.

A. Rs. 1000 B. Rs. 500 **C. Rs.200** D. Rs.250

9. Goods are purchased for Rs. 450 and one-third is sold at a loss of 10%. At what profit per cent should the remainder be sold so as to gain 20% on the whole transaction?

A. 30% **B. 35%**  C. 33.33 % D. 25%

10. A reduction of 10% in the price of sugar enables a man to buy 25 kg more for Rs. 225. What is the original price of sugar (per kilogram)?

**A. Rs.1** B. Rs. 1.5 C. Rs.0.9 D.Rs.2

11. If a merchant makes a profit of 20% after giving a 20% discount, what should be his mark-up?   
A. 20% B. 30% C. 40% **D. 50%**

12. An article is sold at certain price. By selling it at 2/3 of its price one losses 10%, find the gain at original price?

A. 20% B. 33.33% **C.35%**  D. 40%

13. A tradesman sold an article at a loss of 20%.if the selling price has been increased by Rs100, there would have been a gain of 5%.what was the cost price of the article?

A. 290 B. 350 **C.400**  D. None of these

14. A man sells an article at a profit of 25%if he had bought it 20% less and sold it for Rs 10.50 less, he would have gained 30%find the cost price of the article.

A. 42              B. 57 **C.50**              D. None of these

15. A man 2 flats for Rs 675958 each on one he gains 16% while on the other he losses 16%. How much does he gain/loss in the whole transaction?

**A.2.56 %**       . B. 7.18% C.11.40%     D. None of these

16. A man bought a horse and a car ridge for Rs 3000. He sold the horse at a gain of 20% and the carriage at a loss of 10%, thereby gaining 2% overall. Find the cost of the horse.

A. 2000 B. 1500 C. 1300 **D.1200**

17. Find the single discount equivalent to a series discount of 20%, 10% and 5%

A. 42.60 %             B. 57.18% *C.68.40%*     **D. None of these**

*(Answer: 31.6%)*

18. An uneducated retailer marks all its goods at 50% above the cost price and thinking that he will still make 25% profit, offers a discount of 25% on the market price. What is the actual profit on the sales?

**A.12.50 %**       B. 27.8% C.26.5%         D. None of these

19.  A retailer buys 40 pens at the market price of 36 pens from a wholesaler, if he sells these pens giving a discount of 1%, what is the profit %?

A. 6 %            B. 77.8% C.11%           **D. None of these**

*(Answer: 10%)*

### 20. The profit earned after selling an article for Rs 625 is the same as the loss incurred after selling the article for Rs 435. What is the cost price of the article?

A. 450 B. 480 C. 500 **D. 530**

*21.* By selling 5 articles for Rs.15, a man makes a profit of 20%. Find his gain or loss percentage if he sells 8 articles for Rs.18.4?

**A. 8% Loss** B. 8.33% Loss C. 2.22% Loss D. 2.22% Profit

22. The Printed price of a calculator is Rs.180. A retailer pays Rs.137.7 for it by getting successive discounts of 10% and another rate which is illegible. What is the second discount rate?

A. 12% **B.15%** C.12.5% D. 20%

23. The profit earned when an article is sold for Rs.800 is 20 times the loss incurred when it is sold for Rs.275. At what price should the article be sold if it is desired to make a profit of 25%.

A. Rs.300 B. Rs.350 **C. Rs.375** Rs.400

24. A sells to B goods at five-thirds the rate of profit at which B has decided to sell it to C. C, on other hand, sells it to D at one-third the rate of profit at which B sold it to C. If D gives Rs.2145 to C at 10% profit, how much did A buy it for?

**A. Rs.1000** B. Rs.2000 C. Rs.1500 D. Rs.1800

25. A reduction of 20% in the price of sugar enables a housewife to purchase 6 kg more for Rs. 240 what is the original price per kg of sugar?

**A. 10 kg** B. 15 kg C. 25 kg D.30 kg