Profit & Loss

1. A shopkeeper bought a certain number of DVD writer for Rs.1800. Keeping one to himself, he sold the rest profit of Rs.6 each. In total, she earned a profit of Rs.114. The number of DVD writer she bought is

a) 20   b) 28   c) 30   d) 32

2. A transistor is listed at Rs.65. A customer bought this transistor for Rs.56.16 with two successive discounts. One of them is 10%. The other discount of this discount scheme that was allowed by the shopkeeper is

a) 6%   b) 4%   c) 3%   d) 2.5%

3. A person bought two mobiles for Rs.2200. He sells one at 5% loss and the other at 6% profit and and in this transaction he neither gains nor loses. Find the cost price of each mobile.

a) 500, 700   b) 2000, 200   c) 1200, 1000   d) 1100, 1100

4. A retailer sold a pen at a profit of 17.5%. If he had bought it at 8% less and sold it at 30% profit, he would have earned Rs.11.55 more as profit. Cost price of the pen is

a) 550   b) 675   c) 750   d) 1475

5. By selling a mobile at 80% of its marked price, a shopkeeper makes a loss of 12%. What will be the percent profit or loss made by the shopkeeper if he sells the mobile at 95% of its marked price.

a) 5.5% profit   b) 1% loss   c) 5% profit   d) 4.5% profit

6.A sum was put at simple interest at a certain rate for 3 yr. Had it been put at 1% higher rate, it would have received Rs.5100 extra. The sum is

a) 170000   b) 150000   c) 125000   d) 120000

7. A seller gives 4% discount on the marked price and 1 book free with every 15 books bought and still gains 35%. The marked price is more than the cost price by

a) 40%   b) 39%   c) 20%   d) 50%

8. Ahmad got 30% concession on the labeled price of an article and sold it at Rs.8750 with 25% profit on the price he bought. What was the labeled price?

a)16000   b) 12000   c) 10000   d) 14000

9.The wholesaler price of a microwave is Rs.1265. if the manufacturer gain 10%, the manufacturer dealer gains 15% and the wholesaler gains 25%, then the cost of the product is

a) 800   b) 900   c) 700   d) 600

10. What percent profit would be if 34% of cost price is 26% of selling price ?

a)30.77%   b) 74%   c) 25.16%   d) 88.40%

11. What percent selling price would be 34% of cost price, if gross profit is 26% of the selling price?

a)25.16%   b) 74%   c) 17.16%   d) 88.4%

12. Anita bought a cooker with 24% discount on the selling price. If the cooker cost her Rs. 779, what is the original selling price of the cooker?

a)1000   b) 950   c) 1025   d) cannot be determined

13.Awoman sells a chocolate at a profit of 20%. If she had bought it at 20% less and sold it for Rs.18 less, she would have gained 25%. The cost price of the chocolate is

a)80   b) 70   c) 60   d) 90

14. Two-third of a plot was sold at a profit of 5% and the remainder at a loss of 2%. If the total profit was Rs.400, the value of the plot was

a)15000   b) 12000   c) 10000   d) 20000

15.By selling 12 Apple, the seller earns a profit equal to the selling price of 2 apple. What is his percentage profit?

a)25%   b) 20%   c) 16.67%   d) Data inadequate

16.A retailer marks the price of his goods at 25% higher than the original price. She also allows a discount of 12%. What profit or loss did she get?

a)15% profit   b) 10% profit   c) 10% Loss   d) 15% Loss

17. Ramu purchased a bicycle for Rs.5200 and expenditure of Rs.800 on the repair of bicycle. He had to sell it for Rs.5500. Find his profit or loss percent?

a)$7\frac{1}{2}$% gain   b) $8\frac{1}{3}$% loss   c) 9% loss   d) None of these

18. An old man buys apples at a certain price per dozen and sells them at eight times per hundred. What is his gain percent or loss percent?

a)4% loss   b) $8\frac{1}{4}$% loss   c) 4% gain   d) $6\frac{1}{4}$% gain

19. A bill was settle by cash payment for 250 chairs at Rs50 per chair less 20% and 15% and again a discount of 5% on cash payment is

(a) Rs 8075   (b) Rs 7025   (c) Rs 8500   (d) none of these

20. If the SP of a book is increased by Rs 162, then the business would make a profit of 17% instead of a loss of 19%. What is the CP of the book?

(a) Rs 540   (b) Rs 450   (c)Rs 360   (d) Rs 600

21. The cost price of 20 articles is equal to the selling price of x articles. Find the value of x If the profit is 25%.

(a) 25   (b) 18   (c) 16   (d) 15

22. A man sell a flat at 5% profit. If he buy it at 5% less and sell it for Rs 1 less, he would have gained by 10%. Whai is the cost price of the flat.

(a) Rs 200   (b) Rs 150   (c) Rs 250   (d) Rs 240

23.   A company has 6435 bars of soap. If the company has sold 20% of its stock, then how many bars of soap did it sell?

(a) 1237   (b) 1257   (c) 1287   (d) 1300

24.A cycle originally costs Rs 100 and was discounted 10%. After three months, it was sold after being discounted 15%. What is the selling price of cycle?

(a) Rs 55.5   (b) Rs 95.25   (c) Rs 76.5   (d) none of these

25. A shopkeeper sold a bag of rice for Rs 17940, by giving a discount of 8% and gained 19.6%. If there is no discount is allowed, then what is the profit per cent?

(a) 25%   (b) 26.4%   (c) 24.8%   (d) 30%

26. By selling 33m of woolen cloth, a shopkeeper gains the price of 11m of woolen cloth. His gain% is

(a) 7%   (b) 50%   (c) 20%   (d) 22%

27. If the cost of 12 pen is equal to the selling price of 10 pen, what is the profit per cent in the transaction.

(a) $16\frac{2}{3}$%   (b) 18%   (c) 20%   (d) 25%

28. Ravish sells the transister at a gain of $12\frac{1}{2}$%. If he had sold it at Rs 22.50 more, he would have gained 25%. The cost price of the transister is

(a) Rs 162   (b) Rs 140   (c) Rs 196   (d) Rs 180

29.The selling price of an apple including the sales tax is Rs 616. The sales tax rate is 10%. If the shopkeeper has made a profit of 12%, then the cost price of the apple is

(a) Rs 500   (b) Rs 515   (c) Rs 550   (d) Rs 600

30. If selling price is doubled, the profit triples. Find the profit per cent.

(a) $66\frac{2}{3}$%   (b) 100%   (c) $105\frac{1}{3}$%   (d) 120%

31. A house costs C rupees. Later it was sold for a profit of 25%. If the capital gains tax is 50% of the profit. Find the value?

(a) $\frac{C}{24}$ (b) $\frac{C}{8}$ (c) $\frac{C}{4}$ (d) $\frac{C}{2}$

32. What price should a shopkeeper mark up on an article which cost him Rs 153 to gain a profit of 20% after giving a discount of 15%?

(a)Rs 162   (b) Rs 184   (c) Rs 216   (d) Rs 224

33. A pair of shoes was bought for Rs. 37.40 at a discount of 15%. What must be the marked price of each of the shoes?

(a)Rs15   (b) Rs 20   (c) Rs 22   (d) RS 25

34. A shopkeeper markup his price of an item 35% above its cost price. By what percent of discount he allowed, so that he has a gain of 8%.

(a) 18%   **(b)** 20%   (c) 22%   (d) 24%

35. A producer of wheat sells his two varieties of wheat, one costing Rs 18 per kg and another Rs 20 per kg in the ratio 5: 3. If he sells the mixture of these two verities at Rs 21 per kg, then his gain percent is
(a) 12%   **(b)** 13%   (c) 14%   **(d)** 15%

36. A shopkeeper sold a table for Rs 2564.36. Approximately what was his profit percent if the cost price of the article was Rs2400?
(a) 4%   **(b)** 5%   (c) 6%   (d) 7%

37. The cash difference between the selling prices of a Maruti car at a profit of 4% and 6% is Rs 3. What is the ratio of selling price of both the car.
(a)51:52   **(b)**52:53   (c) 53:54   **(d)**54:55

38. A shopkeeper sells a DVD player at Rs. 840 at a gain of 20% and another for Rs. 960 at the loss of 4%. Find his total gain percent.
(a) 51217%   (b) 51317%   (c) 51417%   (d) 51517%

39. A woman gains 20% by selling a saree for a certain price. What is the percentage of profit is she sells it at double price.

(a)130%   (b) 140%   (c) 150%   **(d)** 160%

40. If the cost price of 12 books is equal to the selling price of 8 books, the gain percent is?
(a) 12%   (b) 30%   (c) 50%   (d) 60%

41. The cost price of 20 apples is the same as the selling price of x apple. If the profit is 25% then determine the value of x.
(a) 4   (b) 15   (c) 16   (d) 17

42. In a certain shop, the gain is 320% of the cost. If the cost price increased by 25% but the selling price remains same, what is the gain percentage of the selling price?
(a) 70%   (b) 80%   (c) 90%   (d) None of above

43. If the cost price of 12 chairs is equal to the selling price of 16 chairs, then the loss percent is
(a) 20%   (b)25%   (c) 30%   (d) 35%