7. Profit and Loss

PART-A

Model 1

1. An Umbrella was sold at a profit of 20%. What is the selling price of the Umbrella, if its cost price is 180?

   1) 216   2) 200   3) 160   4) 36   5) None of these

2. A person sold an article for 20 and earned a profit of 25%. What is the cost price of the article?

   1) 16   2) 14   3) 12   4) 18   5) None of these

3. An article was sold for 13,000 at a loss of 35%. What is the cost price of the article?

   1) 16,000   2) 13,700   3) 15,000   4) 20,000   5) None of these

4. Harshad bought 15 DVD players at 4,500 each and sold all of them at the total price of 81,000. What is the per cent profit earned in the deal?

   1)16   2)20   3)25   4)20.5   5) None of these

5. A shopkeeper sells 200 m of cloth for 9,000 at a profit of 5 per m. What is the cost price of 1 m of cloth?

   1) 45   2) 40   3) 35   4) 30   5) None of these

6. Naresh purchased a TV set for 11,250 after getting discount of 10% on the labeled price. He spent 150 on transport and 800 on installation. At what price should it be sold so that the profit earned would be 15%?

   1) 12,937.50   2) 14,030   3) 13,450   4) 15,467.50   5) None of these

7. Manoj sold an article for 15,000. Had he offered a discount of 10% on the selling price, he would have earned a profit of 8%. What is the cost price?

   1) 12,500   2) 13,500   3) 12,250   4) 13,250   5) None of these

8. If Ramu buys books at 11 books for 10 and sells at 10 books for 12, then what will be his gain percent?

   1) 11%   2) 22%   3) 32%   4)15%   5) None of these

Model 2

9. A watch was sold at a loss of 9%. It was observed that if the selling price was 420 more, the profit made would have been 5%. What is the actual selling price of the watch?

    1) 2700   2) 2730   3) 3270   4) 3000   5) None of these

10. After selling a book, Rohan found that he had made a loss of 12%. He also found that had he sold it for 36 more, he would have made a profit of 6%. What was the initial loss?

    1) 12   2) 18   3) 20   4) Data inadequate   5) None of these

11. Praveen sold an article for 1170 at a profit of 30%. What should be the selling price if the desired profit is 40%?

    1) 1330   2) 990   3) 1287   4) 1260   5) None of these

12. Sameer sold an article 460 and earned a profit of 15%. At what price should it have been sold so as to earn a profit of 20%?

    1) 465   2) 480   3) 498   4) 4855) None of these

Model 3

13. The profit earned by selling a phone for 18,000 is the same as the loss incurred after selling it for 16,800. What is the cost price of the phone?

    1) 17,400   2) 17,000   3) 17,500   4) 17,600   5) None of these

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

    1) 530   2) 520   3) 540   4) 550   5) None of these

15. The profit earned after selling an article for 536 is the same as the loss incurred after the article for 426. What is the cost price of the article?

    1) 448   2) 470   3) 481   4) 500   5) None of these

16. The profit earned by selling a shirt for 1200 is twice the loss incurred when the shirt is sold for 600. What is the cost price of the shirt?

    1) 800   2) 1000   3) 900   4) 750   5) None of these

17. The profit earned after selling a wrist watch for 5800 is twice the loss incurred after selling the wrist watch for 4300. What is the cost price of the wrist watch?

    1) 5300   2) 5100   3) 4900   4) 4800   5) None of these

18. The profit earned after selling an article for 4080 is half the loss incurred after selling the same article for 3660. What is the cost price of the article?

    1) 3785   2) 3800   3) 3775   4) 3940   5) None of these

Model 4

19. Sridhar sold 16 pens at the cost of 20 pens. What is the profit or loss percentage made by him?

    1) 4% profit 2) 4% loss   3) 25% profit 4) 25% loss   5) Cannot be determined

20. Prem sold 10 pens at the cost of 12 similar pens. What % profit or loss does he make in this transaction?

    1) 20% profit   2) 25% profit 3) 16.66% loss 4) 20% loss 5) None of these

21. Aniruddh sold 21 books at the cost price of 18 books. Find the percentage profit or loss in this transaction?

    1) 14.28% profit 2) 14.28% loss 3) 16.66% profit 4) 16.66% loss 5) None of these

22. Ajit sold 20 apples at the cost price of 16 apples. What profit/loss does he make?

    1) 10   2) Cannot be determined   3) 5   4) 6   5)None of these

Model 5

23. A shopkeeper bought two ceiling fans for 800 each. He sold one fan at a profit of 12% and the other at a loss of 12%. What would be his overall profit or loss in the transaction?

    1) No Profit No loss 2) Loss 1.44% 3) Profit 1.44% 4) Loss 4% 5) None of these

24. A person bought two articles for the same price and sold them at a profit of 10% on one and a loss of 10% on the other. What is the overall profit or loss % made by him?

    1) 1% Loss 2) 1% Profit 3) Profit 4% 4) No Profit No loss 5) None of these

25. A person sold two articles for 1200 each; he made a profit of 20% and a loss of 20% on the other. What will be the overall profit or loss in percentage?

    1) No Profit No loss 2) Cannot be determined 3) Profit 4% 4) Loss 4% 5) None of these

26. If a person sold two articles at same price and realized 10% profit on one and 10% loss on the other article. What net profit/loss % does he make?

1) No Profit No loss   2) Loss 1%   3) Profit 1%   4) Loss 10%   5) None of these

Model 6

27. A sold an article to B at a profit of 20% and B sold the same article to C at a profit of 10%. If C bought it for 2640, how much did A pay for it?

1) 2000   2) 1500   3) 1600   4) 1540   5) None of these

28. Prathik sold a music system to Karthik at 20% gain and Karthik sold it to Swasthik at 40% gain. If Swasthik paid 10,500 for the music system, what amount did Prathik pay for the same?

1) 8,240   2) 7,500   3) 6,250   4) Cannot be determined   5) None of these

29. Prakash sold an article to Prem at 10% profit. Prem sold the same to Raj at 10% loss. If Prakash bought the article at 2000, at what price did Raj buy the same?

1) 2,000   2) 1,980   3) 2,500   4) 1,800   5) None of these

Model 7

30. A dishonest dealer claims to sell his goods at the cost price but uses a weight of 800 gm instead of 1 kg. What will be the profit percentage in this transaction?

1) 15%   2) 20%   3) 25%   4) 32%   5) None of these

31. A milkman sells milk at the cost price but delivers only 1800 ml instead of 2 liter. What will be the profit percentage made by the milkman?

1) 15%   2) 11.11%   3) 20%   4) 25%   5) None of these

Model 8

32. An article was sold for 480 after a discount of 20%. What is the marked price?

1) 400   2) 576   3) 600   4) Cannot be determined   5) None of these

33. If the selling price of 24 results in a 20% discount on list price, then what selling price would result in a 30% discount on list price?

1) 21   2) 24   3) 18   4) 15   5) None of these

34. In a sale, a perfume is available at a discount of 15% on the selling price. If the perfume's discounted selling price is 3740, what was the original selling price of the perfume?

1) 4,324   2) 4,386   3) 4,400   4) 4,294   5) None of these

35. A shopkeeper marks his goods in such a way that even after allowing a discount of 20%, he makes a profit of 12%. How much percent above the cost price is the marked price?

   1) 32%   2) 8%   3) 12%   4) 40%   5) None of theses

36. A shopkeeper marks his goods in such a way that after allowing a discount of 10%, he gains 17%. How much percent above C.P. is the marked price?

   1) 50%   2) 30%   3) 27%   4) 7%   5) None of theses

37. At what price should a shopkeeper mark a radio that cost him 1200 in order that he may offer a discount of 20% on the marked price and still make a profit of 25%?

   1) 1675   2) 1875   3) 1900   4) 2025   5. None of these

38. Sanjay bought a microwave oven and paid 10% less than the original price. He sold it with 30% profit on the price he had paid. What percentage of profit did Sanjay earn on the original price?

   1) 17%   2) 20%   3) 27 %   4) 32%   5) None of these

Answers

1 – 1	2 – 1	3 - 4	4 - 2	5 - 2	6 - 2	7 - 1	8 - 3	9 - 2	10 - 5
11 – 4	12 – 2	13 - 1	14 - 1	15 - 3	16 - 1	17 - 4	18 - 4	19 - 3	20 - 1
21 – 2	22 – 2	23 – 1	24 - 4	25 - 4	26 - 2	27 - 1	28 - 3	29 - 2	30 - 3
31 – 2	32 – 3	33 – 1	34 - 3	35 - 4	36 - 2	37 - 2	38 - 1		

PART-B

1. A florist bought 360 roses at Rs. 10 per dozen. If he sold them at Rs. 1.10 each, what is his profit as a percentage of selling price?

   1) 20%   2) 25%   3) 30%   4) 35%   5) None of these

2. At a special sale, 5 tickets can be purchased for the price of 3 tickets. If 5 tickets are purchased at the sale, the amount saved will be what percentage of the original price of 5 tickets?

   1) 20%   2) 33.3%   3) 40%   4) 60%   5) None of these

3. Two merchants sell each an article for Rs.1000. If merchant A computes his profit on cost price and merchant B computes his profit on selling price, they end up making

profits of 25% each. By how much is the profit made by B greater than A?

1) Rs.66.67   2) Rs.50   3) Rs.125   4) Rs.200   5) None of these

4. A merchant buys two articles for Rs.600. He sells one of them at 22% profit and other at 8% loss and makes no profit/loss at the end. What is the selling price of the article that he sold at loss?

1) Rs.404.80   2) Rs.440   3) Rs.536.80   4) Rs.160   5) None of these

5. A man sold two pens, each at Rs.22. If he sold one at 20% profit and other at 15% loss, what would be his overall gain/loss in the transaction?

1) 21 paise gain 2) 42 paise gain 3) 21 paise loss 4) 42 paise loss 5) None of these

6. What is the maximum percentage discount that a merchant can offer on the marked price so that he ends up selling at no profit/loss, if he had initially marked her goods up by 50%?

1) 50%   2) 20%   3) 25%   4) 33.3%   5) None of these

7. A man buys 70 dolls for Rs.525/- and sells each doll for Rs. N/- wherein he incurred loss of 10%. What is the selling price N?

1) Rs. 5.75/-   2) Rs. 6.75/-   3) Rs. 7.75/-   4) Rs. 8.75/-   5) None of these

8. A shopkeeper marks the price of an article at Rs.80. What will be the selling price of the article if he allows two successive discounts of 5% each?

1) Rs.73.20   2) Rs.72   3) Rs.72.20   4) Rs.70.20   5) None of these

9. A shop is offering discount on shirts costing $ 20 each. If someone buys 2 shirts, he will be offered 15% discount and another 10% on the already reduced price for the second shirt. How much would one pay for 2 shirts at this shop?

1) $ 15.3   2) $ 17   3) $ 32.3   4) $ 16.4   5) None of these

10. The difference between a discount of 35% and two successive discounts of 20% and 20% on a certain bill was Rs.22. Find the bill amount.

1) Rs.1100   2) Rs.200   3) Rs.2200   4) Data Inadequate 5) None of these

Answers :

1 – 2	2 – 3	3 - 2	4 – 1	5 - 3	6 – 4	7 - 2	8 – 3	9 - 3	10 - 3