

APTITUDE MASTERY SERIES**MODULE 5 – PROFIT & LOSS**

1. If a man reduces the selling price of a fan from 400 to 380, his loss increases by 20%. What is the cost price of the fan?
(a) 100 (b) 200 (c) 400 (d) 500
2. Siddharth buys some candies for Rs. 15 a dozen and an equal number of different candies for Rs. 12 a dozen. He sells them for Rs. 16.50 a dozen and makes a profit of Rs. 150. How many dozens of candies did he buy altogether?
(a) 50 (b) 30 (c) 25 (d) 45
3. In a market, the price of medium quality mangoes is half that of good quality mangoes. A shopkeeper buys 80 kg good quality mangoes and 40 kg medium quality mangoes from the market and then sells them at a common price which is 10% less than the price at which he bought the good quality ones. His overall profit is:
(a) 6% (b) 8% (c) 10% (d) 12%
4. Ankit bought 20 soaps and 12 toothpastes. He marked-up the soaps by 15% on the cost price of each and the toothpastes by Rs. 20 on the cost price of each. He sold 75% of the soaps and 8 toothpastes and made a profit of Rs. 385. If the cost of a toothpaste is 60% the cost of soap and he got no return on unsold items, what was his overall profit or loss?
(a) Loss of Rs. 355 (b) Profit of Rs. 210
(c) Loss of Rs. 250 (d) Profit of Rs. 255
5. A shop, which sold same marked price shirts, announced an offer – if one buys three shirts then the fourth shirt is sold at a discounted price of Rs. 100 only. Patel took the offer. He left the shop with 20 shirts after paying Rs. 20,000. What is the marked price of a shirt?
(a) 1260 (b) 1300 (c) 1350 (d) 1400
6. In a local shop, as part of promotional measures, the shop owner sells three different varieties of soap, one at a loss of 13 percent, another at a profit of 23 percent and the third one at a loss of 26 percent. Assuming that the shop owner sells all three varieties of soap at the same price, the approximate percentage by which average cost price is lower or higher than the selling price is
(a) 12.5 higher (b) 8.5 lower
(c) 10.5 higher (d) 14.5 lower
7. Anjali collects antique stamps. She purchased two but found that she needs to raise money urgently, so she sold them for Rs. 8000 each. On one she made 20% & on other she lost 20%. How much did she gain or lose in the entire transaction?
(a) 466.67 (b) 444.33
(c) 666.67 (d) 566.33
8. A vendor bought 15 oranges at Rs. 36 for 5 oranges and sold all of them at four oranges for Rs. 45. How much did the vendor earn or lose in this transaction?
(a) Loses Rs. 4.05 per orange
(b) Gains Rs. 4.05 per orange
(c) Gains Rs. 60 overall
(d) Loses Rs. 5.06 per orange
9. The cost price of 21 articles is equal to the selling price of 18 articles, profit percentage is?
(a) 33.33% (b) 1.667%
(c) 25% (d) 16.67%
10. A dealer professes to sell his goods at cost price and uses an 880 gm weight instead of a kg. What is his percentage of gain?
(a) 13.13% (b) 13.33%
(c) 13.36% (d) 13.63%

11. A shopkeeper purchased an article at 20% discount on list price, he marked up his article in such a way that after selling the article at 20% discount, he gained 20% on S.P. What percent is S.P. of the list price?
(a) 96% (b) 94% (c) 48% (d) 24%
12. A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?
(a) 3 (b) 4 (c) 5 (d) 6
13. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?
(a) 30% (b) 70% (c) 100% (d) 250%
14. If the selling price is doubled, the profit triples. Find the profit percent
(a) $200/3$ (b) 100
(c) $316/3$ (d) 120
15. A shopkeeper sells two items at the same price. If he sells one of them at a profit of 10% and the other at a loss of 10%, find the percentage profit/loss.
(a) 1% loss (b) 10% Loss
(c) 50% Profit (d) No profit, No loss
18. A dealer marks articles at a price that gives him a profit of 30%. 6% of the consignment of goods was lost in a fire in his premises, 24% was soiled and had to be sold at half the cost price. If the remainder was sold at the marked price, what percentage profit or loss did the dealer make on that consignment?
(a) 2% (b) 2.5% (c) 3% (d) 6.2%
19. Shelly goes to a shop to purchase a doll priced at Rs.400. She is offered 4 discount options by the shopkeeper. Which of these options should she opt for to gain maximum advantage of the discount offered?
(a) Single discount of 30%
(b) 2 successive discounts of 15% each
(c) 2 successive discounts of 20% and 10%
(d) 2 successive discounts of 20% and 12%
20. A man sells a plot of land at 8% profit. If he had sold it at 15% profit, he would have received Rs. 630 more. What is the selling price of the land?
(a) 9320 (b) 9600 (c) 9820 (d) 9720

HOME WORK

16. Two dealers P and Q selling the same model of TV set mark them under the same selling prices. P gives successive discounts of 20% and 15% and Q gives successive discounts of 18% and 17%. From whom is it more profitable to purchase the TV set?
(a) From P
(b) From Q
(c) Indifferent between the two
(d) Cannot be determined
17. A book was sold for a certain sum and there was a loss of 20%. Had it been sold for Rs. 12 more, there would have been a gain of 30%. What would be the profit if the book were sold for Rs. 4.8 more than what it was sold for?
(a) 20% (b) 10%
(c) 25% (d) No Profit, No Loss