

## Profit, loss & discount

Q1. A shopkeeper buys an article for 600 Rs and marks it for sale at a price that gives him 60 % profit on his cost price. He, however, gives a 15 % discount on the marked price to his customer. Calculate the actual profit gained by the shopkeeper as well as his profit percent.

- (a) Rs. 160, 26.67%    (b) Rs. 180, 30%    (c) Rs. 200, 33.33%    (d) Rs. 216, 36%

Q2. Two successive discounts of 20% and 30% is equivalent to single discount of

- (a) 44%    (b) 50%    (c) 56%    (d) None of these

Q3. A watch dealer incurs an expense of Rs. 150 for producing every watch. He also incurs an additional expenditure of Rs. 30,000, which is independent of the number of watches produced. If he is able to sell a watch during the season, he sells it for Rs. 250. If he fails to do so, he has to sell each watch for Rs. 100. If he produces 1500 watches, what is the number of watches that he must sell during the season in order to breakeven, given that he is able to sell all the watches produced?

- (a) 400    (b) 700    (c) 800    (d) 900

Q4. A cow and a horse are bought for Rs 200000. The cow is sold at a profit of 20% and the horse at a loss of 10%. The overall gain is Rs 4000. The cost price of cow is

- (a) Rs. 80000    (b) Rs. 96000    (c) Rs. 104000    (d) Rs. 108000

Q5. Mr. David purchased 20 dozen note books @ Rs.48 per dozen. He sold 8 dozen at 10% profit and the remaining 12 dozens with 20% profit. What is the profit percentage in this transaction?

- (a) 25%    (b) 12%    (c) 16%    (d) 50%    (e) None of these

Q6. A dishonest shopkeeper professes to sell pulses at the cost price, but he uses a false weight of 950gm. for a kg. His gain is \_\_\_\_%.

- (a) 5%    (b) 11%    (c)  $4\frac{4}{19}\%$     (d)  $5\frac{5}{19}\%$

Q7. On selling 15 balls at Rs 400 there is loss equal to Cost Price of 5 balls. The cost price of a ball is?

- (a) Rs. 30    (b) Rs. 35    (c) Rs. 40    (d) Rs. 45

Q8. By selling 33 m. cloth, a shopkeeper loses money equivalent to selling price of 11 m. Find his loss percentage.

- (a) 20%    (b) 25%    (c) 33.33%    (d) 50%

Q9. The percentage profit earned by selling an article for Rs. 2000 is equal to the percentage loss by selling the same article for Rs. 1200. At what price should the article be sold to make 25% profit?

- (a) Rs. 1800    (b) Rs. 2000    (c) Rs. 2250    (d) Rs. 2500

Q10. Dalton sold a bicycle at Rs 2100 and made a loss of 25%. At what price should he sell the bicycle if he wants to make a profit of 15%?

- (a) Rs. 2500      (b) Rs. 2990      (c) Rs. 3220      (d) Rs. 3500

**Answer key**

1	D	3	B	5	C	7	C	9	B
2	A	4	A	6	D	8	B	10	C

