



PROFIT AND LOSS

Sheet-1

- Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is:
 - $4\frac{4}{7}\%$
 - $5\frac{5}{11}\%$
 - 10%
 - 12%
- The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:
 - 15
 - 16
 - 18
 - 25
- A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?
 - 3
 - 4
 - 5
 - 6
- The percentage profit earned by selling an article for Rs. 1920 is equal to the percentage loss incurred by selling the same article for Rs. 1280. At what price should the article be sold to make 25% profit?
 - Rs. 2000
 - Rs. 2200
 - Rs. 2400
 - Data inadequate

5. A man buys a cycle for Rs. 1400 and sells it at a loss of 15%. What is the selling price of the cycle?
- A. Rs. 1090
 - B. Rs. 1160
 - C. Rs. 1190
 - D. Rs. 1202
6. Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?
- A. 3.5
 - B. 4.5
 - C. 5.6
 - D. 6.5
7. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?
- A. Rs. 21,000
 - B. Rs. 22,500
 - C. Rs. 25,300
 - D. Rs. 25,800
8. A shopkeeper sells one transistor for Rs. 840 at a gain of 20% and another for Rs. 960 at a loss of 4%. His total gain or loss percent is:
- A. $5\frac{15}{17}$ % loss
 - B. $5\frac{15}{17}$ % gain
 - C. $6\frac{2}{3}$ % gain
 - D. None of these
9. A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:
- A. No profit, no loss
 - B. 5%
 - C. 8%
 - D. 10%

ANSWER SHEET

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



Sheet -2

1) A and B enter into a partnership with respective capitals of Rs. 20,000 and Rs. 40,000. At the end of the year, the total profit is Rs. 33,000. If A receives Rs. 15,000 as both his salary and profit, then what is his salary?

a. Rs. 2000 b. Rs. 4000 c. Rs. 3500 d. Rs. 3000

2) An article costs Rs. 600. What should be the marked price of an article so that after 10% discount, the trader makes 20% profit?

a. Rs. 800 b. Rs. 950 c. Rs. 1100 d. Rs. 1040

3) A man buys 50 pens at marked price of 46 pens from a whole seller. If he sells these pens giving a discount of 1% , what is the profit percent?

a. 5.3 % b. 7.6 % c. 10.6 % d. 12 %

4) P sells an article to Q at 10 % profit. Q sells it to R at 25 % profit. If R pays Rs. 250 for it, What did P pay for it ?

a. Rs. 225 b. Rs. 198..50 c. Rs. 181.81 d. Rs. 162.30 e. None of these

5) Sagar purchased 10 kg of rice at the rate of Rs. 15 per kg and 25 kg of rice at the rate Rs. 14 per kg. He mixed the two and sold the mixture. Approximately at what rate per kg should he sell the mixture to make 40 % profit in the transaction?

a. Rs. 20.00 b. Rs. 19.50 c. Rs. 15 d. Rs. 17.5

6) A trader has 200 kg of sugar, out of which he sells some with 10% profit and the rest with 25% profit. He gains 15% on the whole. Find the quantity of sugar sold at 25% profit?

a. 120 kg b. 96.5 kg c. 84 kg d. 67 kg e. None of these

7) Anil purchased 30 kg of wheat at the rate of Rs. 22 per kg and 20 kg of wheat at the rate of Rs. 24 per kg. He mixed the two. Approximately at what rate per kg should he sell the mixture to make 25% profit?

a. Rs. 25 b. Rs. 28 c. Rs. 30 d. Rs. 32.5

8) At what price should the Karan mark a sewing machine that costs him Rs. 1200/- so that even after offering a 20% discount, he makes 25% profit?

- a. Rs. 2,025/- b. Rs.1,900/- c. Rs. 1,675/- d. Rs. 1,875/- e. None of these

9) Virat buys an old car for Rs. 50000 and spends Rs. 4000 on its repairs. If he sells the scooter for Rs. 60000, his gain percent is:

- a. 3 (4/7) % b. 11 (1/9) % c. 12 (2/3) % d. 12%

10) P, Q, R subscribe Rs. 50,000 for a business. P subscribes Rs. 4000 more than Q and Q Rs. 5000 more than R. Out of a total profit of Rs. 25,000, what will be P's share?

- a. Rs. 8400 b. Rs. 10,500 c. Rs. 13,600 d. Rs. 14,700

11) A trader purchases several articles at the rate of 13 for Rs. 10 and sells them at the rate of 10 for Rs. 13. What is his gain/loss?

- a. 69 % gain b. 56.25 % gain c. 56.25 % loss d. 25 % loss e. None of these

12) A boy pays Rs. 369 for an article marked at Rs. 600, by enjoying two successive discounts. If the first discount is of 25%, how much should be the second discount?

- a. 20 % b. 10 % c. 25 % d. 18 % e. None of these

13) By purchasing an article at 20 % discount on the original price and then selling it at a price of 25% above the original price, a trader earns Rs. 200 as the profit. What was the original price of the article?

- a. Rs. 444.44 b. Rs. 255.50 c. Rs. 100.10 d. Rs. 810 e. None of these

14) A boy incurs 5% loss by selling a book for Rs. 1000. At what price should the book be sold to earn 5 % profit?

- a. Rs. 1105.26 b. Rs. 1251.50 c. Rs. 1085.13 d. Rs. 1885.13

15) Find the resultant profit if A sells a cupboard at a profit of 6% to B and B sells the same to C at a profit of 9%.

- a. 15% b. 16% c. 14.5% d. 15.54%

16) If Harsh sold a match ticket for Rs.340 at a profit of 25%, at what price did he purchased the ticket?

- a. 280 b. 255 c. 300 d. 272

17) Eleven bags are bought for Rs.1000 and sold at 10 for Rs.1100. What is the gain or loss in percentage?

- a. 10% b. 21% c. 25% d. 20%

18) Vijay sells a cupboard at 14% below cost price. Had he got Rs.2086 more, he would have made a profit of 14%. What is the cost price of the cupboard?

- a. 7450 b. 14900 c. 7400 d. 7500

19) If selling price of 12 pens is equal to the cost price of 18 pens, find the profit percent.

- a. 40% b. 33.3% c. 50% d. 25%

20) A shopkeeper sells his goods at cost price but uses a faulty meter that weighs 950 grams. Find the profit percent.

- a. 100/17% b. 100/23% c. 100/19% d. 100/13%