

## Profit and Loss Aptitude Questions and Answers Pdf

1. A man bought apples at the rate of 8 for Rs. 34 and sold them at the rate of 12 for Rs. 57. How many apples should be sold to earn a net profit of Rs. 45?

- a. 90
- b. 100
- c. 135
- d. 150

Ans: A

$$\begin{aligned}\text{C.P. of 1 apple} &= ₹ \left( \frac{34}{8} \right) = ₹ 4.25. \text{ S.P. of 1 apple} \\ &= ₹ \left( \frac{57}{12} \right) = ₹ 4.75.\end{aligned}$$

Profit on each apple = ₹ 0.50.

$$\therefore \text{Number of apples required} = \left( \frac{45}{0.50} \right) = 90.$$

2. A man bought some oranges at 10 per dozen and bought the same number of oranges at Rs. 8 per dozen. He sold these oranges at Rs. 11 per dozen and gained Rs. 120. The total number of oranges bought by him was

- a. 30 dozens
- b. 40 dozens
- c. 50 dozens
- d. 60 dozens

Ans: D

C.P. of 2 dozen oranges = ₹ (10 + 8) = ₹ 18.

S.P. of 2 dozen oranges = ₹ 22.

If profit is ₹ 4, oranges bought = 2 dozen.

If profit is ₹ 120, oranges bought =  $\left(\frac{2}{4} \times 120\right)$

dozens = 60 dozens.

3. A dishonest dealer uses a scale of 90 cm instead of a metre scale and claims to sell at cost price. His profit is

- a. 9%
- b. 10%
- c. 12%
- d. None of these

Ans: D

$$\text{Gain}\% = \left(\frac{10}{90} \times 100\right)\% = 11\frac{1}{9}\%.$$

4. A man sells two articles for Rs. 240 each. On one he gains 20% and on the other he loses 20%. What is the gain or loss percent in the entire transaction?

- a. 1% gain
- b. 2% loss
- c. 4% gain
- d. 4% loss

Ans: D

$$\text{Loss}\% = \left(\frac{\text{Common Gain \& Loss}\%}{10}\right)^2 \% = \left(\frac{20}{10}\right)^2 \% = 4\%.$$

5. Garima purchased a briefcase with an additional 10% discount on the reduced price after deducting 20% on the labeled price. If the labeled price was Rs. 1400 at what price did she purchase the briefcase?

- a. Rs. 980
- b. Rs. 1008
- c. Rs. 1056
- d. Rs. 1120

Ans: B

$$\text{C.P.} = 90\% \text{ of } 80\% \text{ of ₹ } 1400 = ₹ \left( \frac{90}{100} \times \frac{80}{100} \times 1400 \right) = ₹ 1008.$$