**GATE** Hinglish

## General Aptitude Quantitative Aptitude Profit & Loss

DPP-02

- 1. One-fifth of the cost price, one-seventh of the marked price and one-sixth of the selling price are all equal. What is the gain or loss to the trader?
  - (a) 20% gain
- (b)  $16\frac{2}{3}\%$  loss
- (c)  $14\frac{2}{7}\%$  gain
- (d) 10% loss
- 2. A shopkeeper buys toffees at rate of 40 for Rs. 5 and sells at rate of 50 for Rs. 10. The profit % is
  - (a) 60
- (b) 50
- (c) 25
- (d) 30
- **3.** A shopkeeper had calculated profit % on SP and announced it as 40%. His actual profit % is
  - (a) 60
- (b) 66.5
- (c) 66.66
- (d) 66.33
- **4.** A radio was sold for 18% profit. If it were sold for Rs. 30 more a profit of 20% would have gained. Find the CP.
  - (a) 1000
- (b) 1200
- (c) 1500
- (d) 1800
- **5.** A vendor sells lemons at 5 for a rupee gaining 40%. How many did he buy for a rupee?
  - (a) 7
- (b) 12
- (c) 6
- (d) 8

- **6.** Saleem lost 20% by selling a bicycle for ₹1536. What percent shall he gain by selling it for ₹2040?
  - (a) 10%
- (b) 12.5%
- (c) 9%
- (d) 6.25%
- **7.** A cloth merchant says that due to the slump in the market, he sells the cloth at 10% loss. But he uses a false meter scale and gains 20%. How much less he measures for a meter?
  - (a) 74 cm
- (b) 75 cm
- (c) 36 cm
- (d) 25 cm
- **8.** A fruit vendor buys 10 bananas for ₹14 and sells them at 12 for ₹15, the find his profit or loss percentage.
  - (a) 12.5% P
- (b) 15% L
- (c) 6.3% L
- (d) 10.7% L
- 9. 100 apples are bought at ₹350 and sold at the rate of ₹48 per dozen. What is the profit% or loss%?
  - (a) 14.28% P
- (b) 12.5% P
- (c) 16.8% L
- (d) No P No L
- **10.** How much percent above the cost price should a shopkeeper mark his goods so that after allowing a discount of 25% on the marked price, he gains 20%?
  - (a) 75%
- (b) 60%
- (c) 44%

(d) 50%

## **Answer Key**

1. (a)

2. (a)

3. (c)

**4.** (c)

5. (a)

6. (d)

7. (d)

8. (d)

9. (a)

**10.** (b)





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