IEM KOLKATA

PROFIT AND LOSS

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Q1) A dishonest shopkeeper professes to sell good at $25/4$ % loss on cost price but being deceitful he uses an incorrect weight of 14 grams instead of 16 grams. Find his profit or loss percentage?
(a) 7.14% loss (b) 7.16% loss (c) 7.14% profit (d) 7.16% profit

Q2) A shopkeeper sells goods at 82% loss on cost price but uses 28% less weight. What is his percentage profit or loss?
(a) 54% loss (b) 54% profit (c) 75% profit (d) 75% loss

Q3) A shopkeeper purchased groundnuts at ₹64/kg & sells at ₹80/kg. While selling, he uses faulty weights and gives 800 grams instead of 1kg. Find his actual profit percentage?
(a) 32.25% (b) 28.75% (c) 36.65% (d) 56.25%

Q4) A shopkeeper marks an article at a price 20% higher than its CP and allows 10% discount. Find his gain percentage?
(a) 8% (b) 10% (c) 9.5% (d) 9%

Q5) If SP becomes 4 times, then profit becomes 6 times, then find initial profit percentage
(a) 100% (b) 50% (c) 150% (d) 200%

Q6) A man sold two TV sets for 7200 each, niether incurring a gain or loss. If he sold one TV set at a profit of $12\frac{1}{2}$%, then the other set TV set is sold at a loss of
(a) 8.5% (b) 9% (c) 8% (d) 10%

Q7) Find the gain %, given that Priya sold her scooter for ₹42564 gaining $\frac{1}{6}$th of the SP.
(a) 30% (b) 20% (c) 15% (d) 40%

Q8) A shopkeeper allows a discount of 37% on the sale of an article after marking it up by 37% of its CP. Then find the percentage of the total profit or loss obtained.
(a) 13.69% loss (b) 12.96% loss (c) 13.69% profit (d) 12.96% profit

Q9) Sumit buys two items for ₹7500. One he sells at a profit of 16% and the other item at 14% loss. In the deal, Sumit makes niether any profit nor any loss. What is the difference between selling price of both the items.
(a) 625 (b) 610 (c) 630 (d) 620

Q10) When an article is sold at 35% discount, then there is a loss of 9%. What should be the discount % in order to earn a profit of 12%?
(a) 18% (b) 24% (c) 16% (d) 20%