**Profit, Loss and Discount**

Q1 : The SP of an article is 33.33% more than the cost price. What is the cost price if the profit earned is Rs.45?

a. Rs.180 b. Rs.135 c. Rs.70 d. Cannot be Determined

Q2 : A shop advertises that it will give 2 items free with purchase of every 3 items of the same price. What is the % discount being offered?

a. 66.66% b. 40% c. 60% d. None of These

Q3 : An item purchased for Rs.350 is marked up at 30% of the cost price. If it is sold at a discount of 10%, find the profit% earned?

a. 20% profit b. 30% profit c. 17% profit d. Cannot be Determined

Q4 : A person bought 60 items from the market. 20% of the total items were rotten. The rest were sold at 30% profit each. Find the overall % profit or loss?

a. 4% profit b. 10% profit c. 4% loss d. 12 % profit.

Q5 : The profit earned on selling an article at Rs.X is 50% more than the loss incurred on selling it at Rs.1200. If the cost price of the article is Rs.1500, find the value of X?

a. Rs.1750 b. Rs.1650 c. Rs.1850 d. Rs.1950

Q6 : If the cost price of 25 items is equal to the selling price of 15 items, find the profit or loss % earned?

a. 10 % profit b. 40% profit c. 16.66% profit d. 66.66% profit

Q7 : A man sold an item at a loss of 20%. Since the cost price of the inputs increased by 30%, the selling price was increased by 30%. Find the new % profit or loss?

a. 4% profit b. 56% profit c. 20% loss d. 10% profit

Q8 : Vijay purchased 35 Kg of rice for Rs. 1400 and sold it at a profit of as much money as he received for 10 Kg. Find the selling price of rice in Rs./Kg?

a. Rs.56 b. Rs.40 c. Rs.140 d. None of These

Q9 : A man buys 2 dozen bananas at Rs.16 per dozen. After selling 18 bananas at the rate of Rs.12 per dozen, the shopkeeper reduced the rate to Rs.4 per dozen. Find the loss percent?

a. 25.2% b. 32.4% c. 36.5% d. 37.5%

Q10 : A person buys 4 horses and 9 cows for Rs.13,400. If he sells the horses at 10% profit and the cows at 20% profit, he earns a total profit of Rs.1880. The cost of a horse is ?

a. Rs.1000 b. Rs.2000 c. Rs.2500 d. Rs.3000

Q11 : A pair of articles was bought for Rs.37.40 at a discount of 15%. What must be the marked price of each of these articles?

a. Rs.11 b. Rs.22 c. Rs.33 d. Rs.44

Q12 : The marked price of a watch was Rs.720. A man bought the same for Rs.550.8 after getting 2 successive discounts, the first being 10%. What was the rate of the 2nd discount offered?

a. 12% b. 14% c. 15% d. 18%

Q13 : By selling an umbrella for Rs.300, a shopkeeper gains 20%. During a clearance sale, the shopkeeper allows a discount of 10% on the marked price. His gain percent during the sale is?

a. 7 b. 7.5 c. 8 d. 9

Q14 : By selling an article at 2/5th of the marked price, there is a loss of 25%. The ratio of the marked price to the cost price of the article is

a. 2:5 b. 5:2 c. 8:15 d. 15:8

Q15 : A shopkeeper gives 4% discount on the marked price and gives 1 article free for buying every 15 articles and thus gains 35%. The marked price is above the cost price by

a. 20% b. 39% c. 40% d. 50%

Q16 : If a discount of 10% is given on the price of an article, the gain is 20%. Find the gain % if the discount is increased to 20%?

a. 6.66% b. 7.25% c. 12.5% d. 13.33%

Q17 : A Milkman mixes 20 litres of water to 120 litres of Milk and sells it at cost price. Find the profit or loss %?

a. 14.28% profit b. 16.66% profit c. 20% profit d. 25% profit

Q18 : A Milkman mixes water to Milk and sells it at a mark-up of 10% thereby making an overall profit of 37.5%. If water is not free of cost, what can be said about the % of water added to milk?

a. More than 27.5%

b. More than 25%

c. Equal to 27.5%

d. Equal to 25%

Q19 : An item is marked at a mark-up of x%. It is discounted by y% while being sold to a customer. If the shopkeeper does not gain or lose anything which of the following is definitely true?

a. x=y

b. x<y

c. x>y

d. No definite relation exists

Q20 : A sale is offering 2 discounts of 30% and 40%. If an item is sold at Rs.840 after the discounts, find the amount of discount offered?

a. Rs.1160 b. Rs. 2000 c. Rs. 1540 d. None of These

Q21 : An item is sold for Rs. 450 at a profit of Rs.90. If the % profit is to be increased by 50%, find the new value of the selling price?

a. Rs.650 b. Rs.390 c. Rs.495 d. Rs.500

Q22 : A man buys 144 oranges at the rate of Rs.18 per dozen and sells them for a total amount of Rs. 237.60. Find the percentage profit or loss?

a. 10 % b. 15% c. 20% d. 25%

Q23 : A man buys an item at a discount of 20%. He spends Rs.200 on it’s repairs and sells it for Rs. 600 at a profit of 20%. Find the marked price of the item?

a. 300 b. 500 c. 375 d. 400

Q24 : A dishonest trader uses 2 different weights of x and y gms to weigh an amount of 1000 gms in such a way that the percentage profit is 25%. If y is 50 grams more than x, find the value of x?

a. 425 gms b. 375 gms c. 800 gms d. 400 gms

Q25 : After adding 50 litres to a container having 250 litres of Milk, a milkman sells it to a customer at a mark-up of 25%. Find the overall percentage profit or loss?

a. 45% b. 40% c. 35% d. 50%

Q26 : An item is marked up at y%. It is then sold for a discount of 25% in order to achieve a profit of 15%. Which among the following is definitely true about y?

a. y <= 25%

b. y >= 25%

c. y = 25%

d. Cannot be Determined

Q27 : On selling 20 metres of cloth, a merchant realizes that he has made a loss equal to the selling price of 4 metres of cloth. Find his loss in percentage terms?

a. 20% b. 16.66% c. 15% d. 12.5%

Q28 : Which of the 2 options is better for the shopkeeper?

a. Giving a discount of 40%.

b. Giving 40% more quantity for the same price.

a. Option a b. Option b c. Both are the same.

Q29 : Find the ratio of the marked prices of 2 articles whose selling prices are the same after they are sold at discounts of 12.5% and 9.09% respectively?

a. 80:77 b. 64:63 c. 72:70 d. 11:8

Q30 : A shopkeeper sells 2 articles for Rs.1980 each, one at a profit of 10% and the other at a loss of 10%. Find the value of profit or loss?

a. Rs.40 loss b. Rs.20 profit c. Rs.10 profit d. Rs.0