

Q1. A whole-seller allows a discount of 20% on the list price to a retailer. The retailer sells at 5% discount on the list price. If the customer paid Rs. 38 for an article, what profit is made by the retailer?

- (a) Rs. 10 (b) Rs. 8
(c) Rs. 6 (d) Rs. 12

Q2. The cost of production of a cordless phone set in 2006 is Rs. 900, divided between material, labour and overheads in the ratio 3 : 4 : 2. If the cordless phone set is marked at a price that gives a 20% profit on the component of price accounted for by labour, what is the marked price of the set?

- (a) Rs. 980 (b) Rs. 1080
(c) Rs. 960 (d) Rs. 1020

Q3. A dealer sold two TV sets for Rs. 2400 each, gaining 20% on one and losing 20% on the other set. Find his net gain or net loss.

- (a) Rs. 300 loss (b) Rs. 200 loss
(c) Rs. 200 gain (d) Rs. 300 gain

Q4. On selling tea at Rs. 40 per kg a loss of 10% is incurred. Calculate the amount of tea (in kg) sold if the total loss incurred is Rs. 80.

- (a) 12 kg (b) 15 kg
(c) 18 kg (d) 20 kg

Q5. A man sells a TV set for Rs. 3450 and makes a profit of 15%. He sells another TV at a loss of 10%. If on the whole, he neither gains nor loses, find the selling price of the second TV set.

- (a) Rs. 4000 (b) Rs. 4400
(c) Rs. 4050 (d) Rs. 4500

Q6. A man sells a plot of land at 6% profit. If he had sold it at 10% profit, he would have received Rs. 200 more. What is the selling price of the land?

- (a) Rs. 5000 (b) Rs. 5300
(c) Rs. 4800 (d) Rs. 5500

Q7. A man buys two cycles for a total cost of Rs. 900. By selling one for $\frac{4}{5}$ of its cost and other for $\frac{5}{4}$ of its cost, he makes a profit of Rs. 90 on the whole transaction. Find the cost price of lower priced cycle.

- (a) Rs. 360 (b) Rs. 250
(c) Rs. 300 (d) Rs. 420

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Q8. A manufacturer makes a profit of 15% by selling a colour TV for Rs. 5750. If the cost of manufacturing increases by 30% and the price paid by the retailer is increased by 20%, find the profit percent made by the manufacturer.

- (a) $6\frac{2}{13}\%$ (b) $4\frac{8}{13}\%$
(c) $6\frac{1}{13}\%$ (d) $7\frac{4}{13}\%$

Q9. Anil bought an article at Rs. 200 and sold it at a profit of 10%. What would have been the increase in the profit percent if it was sold for Rs. 230?

- (a) 5% (b) 10%
(c) 15% (d) None of these

Q10. A owns a house worth Rs. 10,000. He sells it to B at a profit of 15%. After some time, B sells it back to A at 15% loss. Find A's loss or gain percent.

- (a) 2.25% gain (b) 6.25% gain
(c) 17.64% gain (d) 17.25% gain

Q11. A man buys 50 kg of oil at Rs. 10 per kilogram and another 40 kg of oil at Rs. 12 kilograms and mixes them. He sells the mixture at the rate of Rs. 11 per kilogram. What will be his gain percent if he is able to sell the whole lot?

- (a) $\frac{100}{98}\%$ (b) $100\frac{10}{49}\%$
(c) $10\frac{1}{49}\%$ (d) None of these

Q12. A dealer buys eggs at Rs. 36 per gross. He sells the eggs at a profit of $12\frac{1}{2}\%$ on the cost price. What is the selling price per egg (approximately)? (1 gross = 144)

- (a) 33 paise (b) 30 paise
(c) 29 paise (d) 28 paise

Q13. A reduction of 10% in the price of sugar enables a housewife to buy 6.2 kg more for Rs. 279. Find the reduced price per kilogram

- (a) Rs. 5 (b) Rs. 4.5
(c) Rs. 4.05 (d) None of these

Q14. A firm dealing in furniture allows 4% discount on the marked price of each item. What price must be marked on a dining table that cost Rs. 400 to assemble, so as to make a profit of 20%?

- (a) Rs. 475 (b) Rs. 480
(c) Rs. 500 (d) Rs. 520

Q15. A shopkeeper buys an article for Rs. 400 and marks it for sale at a price that gives him 80% profit on his cost. He however, gives a 15% discount on the marked price to his customer. Calculate the actual percentage profit made by the shopkeeper.

- (a) 62% (b) 64%
(c) 53% (d) 54%

Q16. By selling a VCP player for Rs. 1,950, I got a profit of 50%. At what price should I have sold it in order to get a profit of 30%?

- (a) Rs. 2,000 (b) Rs. 1,690
(c) Rs. 2,500 (d) None of these

Q17. The profit obtained by selling a book for Rs. 60 is the same as the loss obtained by selling this book for Rs. 42. What is the cost price of the book?

- (a) Rs. 40 (b) Rs. 50
(c) Rs. 51 (d) None of these

Q18. A man bought a shirt at $\frac{3}{4}$ th of its list price and sold it at 50% above its list price. What is his percentage gain in the transaction?

- (a) 50% (b) 70%
(c) 80% (d) 100%

Q19. Saurabh sold 250 cycles and had a gain equal to the selling price of 100 cycles. What is his profit percentage?

- (a) 66.66% (b) 20%
(c) 10% (d) None of these

Q20. A man sold an article at a profit of 10%. If he had charged Rs. 45 more his profit percentage would have been 25%. What is the cost price?

- (a) Rs. 200 (b) Rs. 300
(c) Rs. 250 (d) None of these

Q21. A man buys 200 oranges for Rs. 10. How many oranges a rupee can he sell so that his profit percentage is 33.33%?

- (a) 10 (b) 14
(c) 15 (d) 20

Q22. By selling an article for Rs. 450, the loss incurred is 10%. At what minimum price should he sell that article to avoid loss?

- (a) Rs. 320 (b) Rs. 324
(c) Rs. 396 (d) Rs. 500

Q23. The owner of Book Point does not get either profit or loss by selling 15 books for Rs. 225. How many books should he sell for the same amount to gain 25% profit?

- (a) 10 (b) 11
(c) 12 (d) 13

Q24. CP of 15 apples is equal to the SP of 9 apples and the discount on 10 apples is equal to the profit on 5 apples. What is the percentage difference between the CP and SP of apples?

- (a) 20% (b) 25%
(c) 16.66% (d) None of these

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Q25. Due to some technical error, a digital scale measure starts reading 900 cm for every 1000 cm. If the shopkeeper is selling the cloth at his CP, what is his loss percentage?

- (a) 11.11% (b) 10%
(c) 12.5% (d) None of these

Q26. Despite giving a discount of 11.11% on the mark-up price, profit obtained is equal to 14.28%. What is the percent mark up over CP?

- (a) 14.28% (b) 28.56%
(c) 25% (d) 50%

Q27. A shopkeeper wants to earn a profit of 20% and at the same time, the minimum discount which he wants to offer is 25%. What should be the minimum percentage mark-up over CP?

- (a) 60% (b) 42.5%
(c) 62.5% (d) 35%

Q28. An article when sold at 10% discount on the marked price gave a profit of Rs. 70. What is the CP?

- (a) Rs. 700 (b) Rs. 350
(c) Rs. 125 (d) Cannot be determined

Q29. A supplier sells 20 pens at the marked price of 18 pens to a retailer. The retailer, in turn, sells them at the marked price. What is the percentage profit or percentage loss of the retailer?

- (a) Loss 25% (b) Profit 11.11%
(c) Loss 20% (d) Profit 20%

Q30. Sum of the CP's of two cars is Rs. 1,00,000. 1st car is sold at a profit of 20% and 2nd car is sold at a loss of 20%. However, their SPs are same. What is the CP of 1st car?

- (a) Rs. 40,000 (b) Rs. 60,000
(c) Rs. 52,400 (d) Rs. 47,600