

CSAT

Profit, Loss & Discount

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1. Gopal bought a cell phone and sold it to Ram at 10% profit. Then Ram wanted to sell it back to Gopal at 10% loss. What will be Gopal's position if he agreed? **(2017)**

- a. Neither loss nor gain
- b. Loss 1%
- c. Gain 1%
- d. Gain 0.5%



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2. A shopkeeper sells an article at Rs. 40 and gets $X\%$ profit. However, when he sells it at Rs. 20, he faces same percentage of loss. What is the original cost of the article? **(2018)**

- a. Rs. 10
- b. Rs. 20
- c. Rs. 30
- d. Rs. 40



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3. Rakesh had money to buy 8 mobile handsets of a specific company. But the retailer offered very good discount on that particular handset. Rakesh could buy 10 mobile handsets with the amount he had. What was the discount the retailer offered? **(2019)**

- a. 15%
- b. 20%
- c. 25%
- d. 30%



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4. A person bought a car and sold it for Rs. 3, 00,000. If he incurred a loss of 20%, then how much did he spend to buy the car? **(2020)**

- a. Rs. 3, 60,000
- b. Rs. 3, 65,000
- c. Rs. 3, 70,000
- d. Rs. 3, 75,000



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5. A shop owner offers the following discount options on an article to a customer: **(2020)**

1. Successive discounts of 10% and 20%, and then pay a service tax of 10%
2. Successive discounts of 20% and 10%, and then pay a service tax of 10%
3. Pay a service tax of 10% first, then successive discounts of 20% and 10%

Which one of the following is correct?

- a. 1 only is the best option for the customer.
- b. 2 only is the best option for the customer.
- c. 3 only is the best option for the customer.
- d. All the options are equally good for the customer.

6. If the cost price of 25 bananas is equal to the selling price of 30 bananas, then what must be the profit or loss percentage?

- (a) 25%
- (b) 13.33%
- (c) 16.66%
- (d) 20%



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7. A retailer is given 22% more amount of commodity by his wholesaler than he paid for. He in turn gives 20% less while selling to his customer. What is the profit percentage made by retailer if he sells the commodity at cost price?

- (a) 53.8%
- (b) 50.2%
- (c) 52.5%
- (d) 51.5%



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8. Two statements are given below followed by a question. Study the statements and decide which of the statement(s) is/are necessary to answer the question.

Statement 1: 5% discount is given on list price.

Statement 2: The cost price of the article is Rs. 5000.

Question:

On selling an article, what will be the profit percent gained?

- (a) Question can be answered using Statement 1 alone.
- (b) Question can be answered using Statement 2 alone.
- (c) Question can be answered using Statement 1 and Statement 2 together.
- (d) Question cannot be answered using both the statements.

9. After giving a discount of $b\%$ on marked price, a trader still gains $a\%$ profit. By what percentage is the marked price greater than the cost price?

(a) $\{(a + b) / (b - a)\} \times 100$

(b) $\{(a + b) / (100 - a)\} \times 100$

(c) $\{(a + b) / (100 - b)\} \times 100$

(d) Can't be determined



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10. If selling price of a cold drink is doubled, the profit earned by the company triples. What must be the original profit percent?

- (a) 125%
- (b) 50%
- (c) 100%
- (d) 25%



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11. The difference between cost price and selling price of an article is Rs. 215. If it is sold at a profit of 25%, then what must be the selling price of that article?

- (a) Rs. 1075
- (b) Rs. 1020
- (c) Rs. 1035
- (d) Rs. 1045



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12. On selling one kg rice at 9% loss and one kg wheat at 13% gain, Naval gains Rs. 9. If he sells one kg rice at 9% gain and one kg wheat at 7% gain, he gains Rs. 16. Which of the following is true?

- (a) 20% of the price of Rice < 4% of the price of Wheat
- (b) 20% of the price of Rice > 4% of the price of Wheat
- (c) 20% of the price of Rice = 4% of the price of Wheat
- (d) Cannot be determined



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13. Some items were bought at 8 items for Rs. 5 and sold at 5 items for Rs. 8. What is the profit percentage?

- (a) 108%
- (b) 56%
- (c) 156%
- (d) 68%



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14. Cost price of two articles is same. One is sold at a profit of 10% and the other for Rs. 5000 more than the first. If the net profit is 20%, then what was the cost price of each article?

- (a) Rs. 25000
- (b) Rs. 16000
- (c) Rs. 48000
- (d) Rs. 11000



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15. Two statements are given below followed by a question. Study the statements and find out which of them is/are necessary to answer the question.

Statement I: Selling price of an article is Rs. 55

Statement II: Number of articles sold is 16

Question: If the shopkeeper sells these articles at a profit of 25%, then what must be the exact amount of profit earned?

- (a) Only Statement I is necessary
- (b) Only Statement II is necessary
- (c) Either Statement I or Statement II is necessary
- (d) Both Statement I and Statement II are necessary

16. Ram and Vijay are dealers of sporting cycles. Price of a sporting cycle is Rs. 25000. Ram gives a discount of 10% on the sporting cycle. While Vijay gives two successive discounts of 12% and 8% on it. What is the difference between their selling prices?

- (a) Rs. 2260
- (b) Rs. 1260
- (c) Rs. 1760
- (d) Rs. 1805



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Keys

1-C	5-D	9-C	13-C
2-C	6-C	10-C	14-A
3-B	7-C	11-A	15-D
4-D	8-D	12-B	16-A



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