

ARITHMETIC

Profit, Loss and Discount Worksheet

For students preparing for MAH-B.BCA/BBA/BMS/BBM CET 2024 for admission to BCA, BBA, BMS, BBM

- A TV was sold at 30% profit. If it was sold for Rs. 1000 more, 40% would have been gained then the cost price of TV is?
 - 10000
 - 15000
 - 20000
 - 30000
- A tradesman's prices are 25% above cost price, but he allows his customers a discount of 12% on the amount of the bill. What percent profit does he make?
 - 18%
 - 16%
 - 10%
 - 9%
- A man purchased some eggs at the rate of 3 for a rupee and an equal number of eggs at the rate of 5 for a rupee. He sold all of them at the rate of 4 for a rupee. What is his loss or gain percent?
 - $6\frac{1}{2}$
 - $6\frac{1}{3}$
 - $6\frac{1}{4}$
 - $6\frac{1}{5}$
- A dealer marked the price of computer Rs. 1200. He allowed two discounts 10%, 5%. How much money a customer has to pay to buy the computer?
 - Rs. 1026.00
 - Rs. 1026.20
 - Rs. 1026.10
 - Rs. 1026.50
- A person purchased 30 dozen pens at Rs. 30 per dozen. He sold 10 dozens at the profit of 20% and the remaining at 40% profit. What is his profit percentage in this transaction?
 - 50
 - 66.66
 - 33.33
 - None
- A man purchases fruits from a fruit market at wholesale price and sells at his shop at retail price. He purchased in multiples of 100 and sells them in multiples of dozen. He purchased oranges at Rs. 425 per hundred and sells at Rs. 65 per dozen, he purchased mangoes at Rs. 150 per hundred and sells at Rs. 30 per dozen, he purchased Apples at Rs. 1800 per hundred and sells at Rs. 360 per dozen. Which of the three fruits yield him the maximum profit percentage?
 - oranges
 - apples
 - mangoes
 - both band c
- I lost 15% by selling an article for Rs. 50. What percent shall I gain or loss by selling it for Rs. 75?
 - 22.5
 - 27.5
 - 30.8
 - 34.9
- If the selling price is reduced by half, the profit is reduced to one-third of the original. Find the profit percentage.
 - 100%
 - 200%

- C. 300%
D. Cannot be determined
9. Find the profit percentage if the ratio of selling price to cost price is 7: 5.
A. 40%
B. 35%
C. 30%
D. 25%
10. The gain for shopkeeper in certain grocery item is 30%. If the total sale of an item in a day was Rs. 550. Find the profit of shopkeeper.
A. Rs. 110
B. Rs. 127
C. Rs. 138
D. Rs. 149
11. A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?
A. 3
B. 4
C. 5
D. 6
12. A man buys a cycle for Rs. 1400 and sells it at a loss of 15%. What is the selling price of the cycle?
A. Rs. 1090
B. Rs. 1160
C. Rs. 1190
D. Rs. 1202
13. Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?
A. 3.5
B. 4.5
C. 5.6
D. 6.5
14. A person buys a pen from a wholesaler at Rs. 10 for 20 pens. He sells those pens at Rs. 10 for 15 pens. Find his profit or loss percent.
A. 33.33%
B. 66.66%
C. 50%
D. 25%
15. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?
A. Rs. 21,000
B. Rs. 22,500
C. Rs. 25,300
D. Rs. 25,800
16. A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:
A. No profit, no loss
B. 5%
C. 8%
D. 10%
17. If the cost price of 12 pens is equal to the selling price of 8 pens, the gain percent is ?
A. 12%
B. 30%
C. 50%
D. 60%
18. If selling price is doubled, the profit triples. Find the profit percent ?
A. 100%
B. 200%
C. 300%
D. 400%

Answer Key

1. A	2. D	3. C	4. A	5. C	6. D	7. B	8. C	9. A	10. B
11. C	12. C	13. C	14. A	15. C	16. B	17. C	18. A		

HINTS & SOLUTIONS

