PROFIT & LOSS

Worksheet 1

PROFIT   **LOSS**

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1 2 3 4

1. Mohit invests a sum of ₹41,250 at the rate of 6% per annum. What approximate compound interest will he obtain at the end of 3 years?

A. ₹ 8,100   B. ₹ 7,425   C. ₹ 8,210   D. ₹ 7,879

2. A man sells a book at a profit of 20%. If he had bought it at 20% less and sold it for ₹ 18 less, he would have gained 25%. The cost price of the book is

A. ₹ 80   B. ₹ 70   C. ₹ 60   D. ₹ 90

3. Sonika spent ₹ 45760 on the interior decoration for her home, ₹ 27896 on buying air conditioner and the remaining 28% of the total amount she had as cash with her. What was the total amount?

A. ₹ 98540   B. ₹ 102300

C. ₹ 134560   D. Cannot be determined

4. The compound interest earned by Suresh on a certain amount at the end of two years at the rate of 8% per annum was ₹ 1414.40. What was the total amount that Suresh got back at the end of two years in the form of principal plus interest earned?

A. ₹ 9414.40   B. ₹ 9914.40   C. ₹ 9017.40   D. ₹ 8914.40

5. An amount becomes 6 times in 7 years when invested under S.I. at a certain rate. In how many years will the amount become 16 times of the original amount at the same rate?

A. 28 years   B. 20 years   C. 21 years   D. 30 years

6. If 35% of a number is 12 less than 50% of that number, then the number is_____.

A. 40   B. 50   C. 60   D. 80

7. A man had ₹ 4800 in his locker two years ago. In the first year, he deposited 20% of the amount in his locker. In the second year, he deposited 25% of the new amount in his locker. Find the amount at present in his locker.

A. ₹ 5200   B. ₹ 6800   C. ₹ 7200   D. ₹ 8000

8. Sudharshan invested ₹ 15,000 at the rate of 10% per annum compounded half yearly. What amount will Sudharshan get at the end of the year?

A. ₹ 16,537.50   B. ₹ 16,500   C. ₹ 16,525.50   D. ₹ 18,150

9. Raju purchased an item for ₹ 4,500 and sold it at a gain of 15%. From that amount he purchased another item and sold it at a loss of 10%. What is his overall gain/loss?

A. Gain of ₹ 152.50   B. Gain of ₹ 157.50

C. Loss of ₹ 165   D. Neither gain nor loss

10. Which of the following statement is true?

Statement 1 : Gagan bought a plot of land for ₹ 2,35,000. If he built a boundary wall around the plot and levelled the land and sold it for ₹ 35,00,000 thus making a profit of 40% on his investment, then he spend ₹ 22,65,000 on the boundary wall and levelling the land.

Statement 2 : In a festive season, a retailer sells readymade clothes at a discount of 20% and still gains 20% of cost price. If the marked price for a pair of jeans is ₹ 4200, then the retailer's cost price is ₹ 4000.

A. Only Statement 1   B. Only Statement 2

C. Both Statement 1 and Statemnt 2   D. Neither Statement 1 nor Statemnt 2

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Answer Key

1. D
2. D
3. B
4. B
5. C
6. D
7. C
8. A
9. B
10. A