30/10/24

CLASS TEST OF CHAPTER 7

Choose the correct option : [1×4=4]

A

1. What percent of ₹ 4500 is ₹ 9000?

(a) 200 (b) $\frac{1}{2}$ (c) 2 (d) 50

2. 250% is equal to

(a) 25 : 15 (b) 5 : 4 (c) 25 : 100 (d) 5 : 2

3. Interest on ₹ 25000 for 3 months at the rate of 25% p.a is

(a) 1.5625 (b) 15.625 (c) 15625 (d) 1562.5

4. A cricket bat was purchased for ₹ 1200 and was sold for ₹ 2400. The profit earned is

(a) 64% (b) 200% (c) 50% (d) 100%

B [1×1=1]

1. Profit and loss % is always calculated on ________. (Fill in the blank)

C

1. Rohini & Sohini sold their TV at Rs. 14000 each but Rohini faced a loss of 10% while Sohini gained 20%. What is the ratio of the cost price of the TV sold by Rohini to that of Sohini? [3]

2. At what rate percent p.a will the simple interest on a sum of money be $\frac{2}{5}$ of the principal amount in 10 years? [3]

3. The simple interest on a certain sum at 5% per annum for 3 years and 4 years differs by 42. What is the sum? [3]

4. Srimanti's income is ₹ 1,60,000 per year. She pays 15% of her house rent and 10% of the remainder on her child's education. Find the money left with her. [3]

5. In an examination, 300 students appeared. Out of these 28% got 1st division, 54% got 2nd division and the remaining just passed. If no students have failed find the no. of students who just passed. [3]