

# Maths-7

## Chapter 8: Percentage and Its Applications – Worksheet

### A. Multiple Choice Questions (MCQs)

1. 25% of 200 is:

A) 25    B) 50    C) 100    D) 75

2. 0.4 expressed as percent is:

A) 4%    B) 40%    C) 400%    D) 0.04%

3. If a student scores 18 out of 20, his percentage is:

A) 80%    B) 85%    C) 90%    D) 95%

4. Which one is the formula for percentage?

A)  $(\text{Part} \times \text{Total}) \times 100$     B)  $(\text{Total}/\text{Part}) \times 100$     C)  $(\text{Part}/\text{Total}) \times 100$     D)  $(100 \times \text{Total})/\text{Part}$

5. If a number increases from 50 to 75, the increase percentage is:

A) 25%    B) 30%    C) 40%    D) 50%

### B. Fill in the Blanks

1. Percent means per \_\_\_\_\_.

2.  $12\% = \frac{\quad}{100}$ .

3. 150% of a number means \_\_\_\_\_  $\times$  the number.

4. If the selling price is more than the cost price, it is a \_\_\_\_\_.

5. Discount = Marked Price – \_\_\_\_\_ Price.

### **C. Short Answer Questions**

1. Find 15% of 160.
2. Convert 72% into a decimal.
3. If CP = ₹240 and SP = ₹300, find profit.
4. A shopkeeper gives 10% discount on ₹450. Find the discount amount.
5. Out of 600 students, 450 are girls. What percent are girls?

### **D. Word Problems**

1. Rohan scored 360 marks out of 500 in an exam. Find his percentage.
2. A cycle was bought for ₹2500 and sold for ₹3000. Find profit% .
3. A shirt marked at ₹800 is sold at 20% discount. Find its selling price.
4. A fruit seller buys oranges for ₹1500 and sells them for ₹1350. Find loss and loss%.
5. A number is increased by 25% and becomes 125. Find the original number.