## **Use of Percentages**

## 1. Fill in the blanks to calculate the range of the given data sets:

- **a.** Sarah scored 80% on her math test, which consisted of 50 questions. How many questions did she answer correctly? She answered \_\_\_\_\_\_ questions correctly.
- b. A store had a sale, offering a 20% discount on all items. If you bought a toy that originally cost ₹25, how much did you save due to the discount? You saved ₹
- **c.** A bicycle is on sale for 25% off its original price of ₹200. What is the sale price of the bicycle after the discount? The sale price is ₹\_\_\_\_\_.
- **d.** In a class of 30 students, 40% of them are girls. How many girls are there in the class? There are \_\_\_\_\_\_ girls in the class.
- e. Lisa earned ₹500 this week, and she spent 30% of her earnings on groceries. How much money did she spend on groceries? She spent ₹ \_\_\_\_\_\_ on groceries.

## 2. True or False:

- **a.** If you increase a value by 20%, it will be more than the original value.
- **b.** A 10% discount on a ₹50 item will result in a final price of ₹40.
- **c.** If you score 75% on a test with 100 questions, you answered 25 questions correctly.

## 3. Match the following:-

	Column A	Column B
i.	Percentage: 80%	A. Half of a whole.
ii.	Percentage: 90%	B. You scored 75 out of 100 on a test.
iii.	Percentage: 20%	C. One-fifth of a whole.
iv.	Percentage: 50%	D. Four-fifths of a whole.
v.	Percentage: 75%	E. Nine-tenths of a whole.