



Subject: - Mathematics

TEST PAPER

CBSE-7th

Topic: - Percentage

Time: - 60mins, M.M:-40

(SECTION A – 1 MARK)

1. Which of the following is the greatest?

- a) 0.3 b) $\frac{1}{3}$ c) 3% d) 1 : 5

2. Half of 1% written as a decimal is

- a) 0.2 b) 0.02 c) 0.05 d) 0.005

3. $x\%$ of $\frac{25}{2}$ is 150. x is equal to

- a) 1000 b) 1200 c) 1400 d) 1500

4. What % of $\frac{2}{7}$ is $\frac{1}{35}$?

- a) 2.5% b) 10% c) 25% d) 45%

5. $x\%$ of y is $y\%$ of

- a) x b) $100x$ c) $\frac{x}{100}$ d) $\frac{y}{100}$

(SECTION B – 2 MARKS)

1. Increase 80 by 5%.

2. The speed of the train is 110 km/hr. It is increased by 20%. Find the speed of the new train?

3. A certain alloy consists 3 parts of tin to 5 parts of copper. What is the percentage composition of the alloy?

(SECTION C – 3 MARKS)

1. Find the cost price if the selling price is Rs. 8 and the loss is 20%.

2. A man buys balloons 3 for a rupee and sells them at 2 for a rupee; Find the gain percent?

(SECTION D – 4 MARKS)

1. By selling an article for Rs. 400, a man gains Rs. 25. At what price should he sell the article to gain 20%?

2. A man left 25% of his money to his mother, 55% to his daughter and the remaining Rs. 9000 to his brother. How much money did he leave? Find the shares of his mother and daughter.