Grade 5 - Second Unit Test

Practice Paper

Mathematics

Based on Maharashtra Board Syllabus (NEP 2025-26) - 3rd Quarter

Instructions:

- Duration: 1 hour
- Maximum marks: 20
- All questions are compulsory
- Show all your working clearly

Section A: Percentages and Profit/Loss

1. Answer the following: **[4 marks]**

a) Convert 25% to a fraction in simplest form. = _____

b) Convert 3/10 to a percentage. = _____

c) What is 10% of 500? = _____

d) If an item costs ₹200 and is sold for ₹250, what is the profit? = ₹_____

2. Solve the following word problems: **[4 marks]**

a) A shopkeeper bought a toy for ₹150 and sold it for ₹180. Find the profit. = ₹_____

b) A fruit seller bought apples for ₹500 and had to sell them for ₹450 due to some getting spoiled. Find the loss. = ₹_____

Section B: Simple Interest and Data Handling

3. Calculate the simple interest: **[4 marks]**

a) Principal = ₹1000, Rate = 5% per annum, Time = 2 years. Simple Interest = ₹_____

b) Principal = ₹5000, Rate = 8% per annum, Time = 1 year. Simple Interest = ₹_____

4. Look at the bar graph showing the number of students who like **[4 marks]** different fruits and answer the questions:

[Imagine a simple bar graph here with fruits (Apple, Banana, Mango, Grapes) on the x-axis and Number of Students (0 to 10) on the y-axis. Example data: Apple-8, Banana-6, Mango-10, Grapes-4]

a) Which fruit is liked by the most students? = _____

b) How many students like Bananas? = _____ students

c) How many more students like Mangoes than Grapes? = _____ students

d) What is the total number of students surveyed? = _____ students

Section C: Mixed Problems

5. Solve the following: **[4 marks]**

a) A class has 40 students. If 60% of them are boys, how many boys are there? = _____ boys

b) You borrowed ₹2000 from a friend at a simple interest rate of 10% per year for 3 years. How much total amount will you pay back? (Principal + Interest) = ₹_____

End of Practice Paper