Grade 10 - Terminal Exams

Practice Paper 2

Mathematics

Instructions:

- Duration: 2 hours
- Maximum marks: 50
- All questions are compulsory
- Show all your working clearly

Section A: Number Operations

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

a) 7,834 + 5,978 = _____

b) 9,432 - 6,789 = _____

c) 567 × 24 = _____

d) 3,696 ÷ 16 = _____

e) Find the value of 5^3 = _____

2. Arrange the following fractions in ascending order: **[5 marks]**

2/5, 7/10, 3/4, 1/2, 4/5

Section B: Fractions and Decimals

3. Convert the following: **[5 marks]**

a) 3/8 to decimal = _____

b) 0.75 to fraction in simplest form = _____

c) 0.125 to fraction in simplest form = _____

d) 7/20 to decimal = _____

e) 0.36 to fraction in simplest form = _____

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

a) 2/3 + 1/6 = _____

b) 5/8 - 1/4 = _____

c) 3/4 × 2/3 = _____

d) 2/5 ÷ 3/10 = _____

e) 1.25 + 3.75 = _____

Section C: Geometry and Measurement

5. Calculate the perimeter and area of a rectangle with length 12 cm and **[5 marks]** width 8 cm.

6. Calculate the perimeter and area of a square with side length 9 cm. **[5 marks]**

7. A circular garden has a radius of 7 meters. Calculate its circumference and area. (Use π = 22/7) **[5 marks]**

Section D: Word Problems

8. Ravi bought 3 1/2 kg of apples, 2 3/4 kg of oranges, and 1 1/4 kg of grapes. What is the total weight of the fruits he bought? **[5 marks]**

9. A rectangular playground is 25 meters long and 15 meters wide. Find the cost of fencing the playground at the rate of ₹125 per meter. **[5 marks]**

10. Meera had ₹2,500. She spent 3/5 of her money on books and 1/4 of the remaining on stationery. How much money does she have left? **[5 marks]**

End of Practice Paper 2

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