
MATHEMATICS MOCK TEST

Class: IV | Set: 01

Time: 1 Hour 30 Minutes | Written Marks: 35 | Viva: 5 | Total: 40 Marks

NAME: _____

ROLL NO: _____

SECTION A

(1 Mark Each)

1. Write the first three multiples of 6.
2. If the radius of a circle is 4 cm, what is its diameter?
3. Convert 2 kilograms into grams.
4. Complete the pattern: 10, 20, 30, 40, _____.
5. How many paise are there in ₹5?

SECTION B

(2 Marks Each)

6. Find all the factors of 15.
7. Classify the following angles as Acute, Obtuse, or Right angle:
(a) 90° : _____ (b) 120° : _____
8. A square field has a side of 7 meters. Find its perimeter.
9. Add: 4 L 250 mL and 3 L 500 mL.
10. Rahul bought a pen for ₹12.50 and an eraser for ₹5.00. How much total money did he spend?

SECTION C

(3 Marks Each)

11. **Factors and Multiples:** Check if 48 is a multiple of 8. Also, find the common factors of 12 and 18.
12. **Geometry:** Draw a circle of radius 3 cm using a compass. Mark and label its Center (O), a Radius (OA), and a Diameter (BC).
13. **Measurement:** A ribbon is 5 m 40 cm long. Another ribbon is 2 m 75 cm long. What is the total length of both ribbons together?
14. **Bar Graphs:** The following data shows the favorite fruits of 20 children: *Apple: 5, Mango: 8, Banana: 4, Orange: 3.* Draw a simple bar graph on your answer sheet to represent this data.

SECTION D

(4 Marks Each - Case Study)

Case Study 1: The School Garden

A rectangular garden in a school is 10 meters long and 8 meters wide.

- (i) Find the area of the garden (Area = Length \times Breadth). (2 Marks)
- (ii) If the school wants to put a fence around the garden, how many meters of wire are needed? (Perimeter). (2 Marks)

Case Study 2: Secret Coding Pattern

In a secret code, the letter 'A' is written as 1, 'B' as 2, 'C' as 3, and so on.

- (i) How will you write the word "BAG" in this code? (2 Marks)
- (ii) If the code for a word is "4 1 4", what is the word? (2 Marks)

VIVA VOCE

(5 Marks)

- **Factors:** What is the smallest factor of every number?
- **Geometry:** What do we call a figure that can be divided into two identical halves?
- **Measurement:** Which unit is used to measure the capacity of a small spoon of medicine?
- **Money:** If you have a ₹100 note and you buy a toy for ₹75, how much change will you get?
- **Graphs:** What does a 'Pictograph' use to represent data?