
MATHEMATICS MOCK TEST

Class: IV | Set: 08

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 four multiples of 11.
2. What is a part of a line with two endpoints called?
3. Convert 9 metres into centimetres.
4. Complete the pattern: 25, 50, 75, 100, _____.
5. If you buy an item for ₹85 and give a ₹100 note, how much change will you get?

SECTION B

(2 Marks Each)

6. Draw a factor tree for the number 28.
7. If the diameter of a circle is 12 cm, find its radius.
8. Find the perimeter of a square whose side is 8 cm.
9. Add: 4 kg 250 g and 2 kg 850 g.
10. Convert 4500 mL into Litres and Millilitres.

SECTION C

(3 Marks Each)

11. **Factors and Multiples:** Find all the common factors of 15 and 30.
12. **Geometry:** Draw a circle of radius 3.5 cm. Mark and label its Center (O), a Radius (OA), and a Chord (PQ).
13. **Measurement:** Riya bought 3 m 40 cm of cloth for her shirt and 2 m 85 cm for her skirt. Find the total length of cloth she bought.
14. **Bar Graphs:** The table below shows the marks obtained by a student in 4 subjects:

| Subject | English | Hindi | Maths | Science |
|---------|---------|-------|-------|---------|
| Marks | 15 | 12 | 20 | 18 |

Answer: (i) In which subject did the student score the highest? (ii) What are the total marks?

SECTION D

(4 Marks Each - Case Study)

Case Study 1: The School Picnic Shopping

Rahul and his friends are buying snacks for a picnic. They bought: - 2 packs of chips for ₹25 each. - 3 juice boxes for ₹15 each. - 1 large cake for ₹120.

- (i) Find the total cost of chips and juice boxes combined. (2 Marks)
- (ii) If Rahul gives a ₹500 note for all the items, how much change will he receive? (2 Marks)

Case Study 2: Step Counting Pattern

Sita is walking on stairs and counting numbers in a pattern. On the first step she says 3, second step 6, third step 9, and so on.

- (i) What number will she say on the 10th step? (2 Marks)
- (ii) If the last number she says is 45, which step is she on? (2 Marks)

VIVA VOCE

(5 Marks)

- **Geometry:** What is the difference between a line and a line segment?
- **Factors:** Name the number which is a factor of every number.
- **Measurement:** How many grams are there in half a kilogram (500 g)?
- **Money:** How many ₹10 notes make ₹200?
- **Patterns:** If the pattern is $\uparrow, \downarrow, \uparrow, \downarrow, \dots$, what comes next?