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# MATHEMATICS MOCK TEST

Class: IV | Set: 07

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

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NAME: \_\_\_\_\_

ROLL NO: \_\_\_\_\_

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## SECTION A

(1 Mark Each)

1. Write the first two multiples of 12.
2. If the radius of a circle is 5 cm, find its diameter.
3. Convert 7 metres into centimetres.
4. Complete the pattern: A1, B2, C3, D4, \_\_\_\_\_.
5. How many paise are there in ₹1.50?

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## SECTION B

(2 Marks Each)

6. Check whether 5 is a factor of 35 by division method.
7. Draw a line segment  $XY = 4.5$  cm using a scale.
8. Find the perimeter of a square whose side is 5 cm.
9. Subtract 3 kg 500 g from 8 kg 000 g.
10. Arun bought a toy car for ₹45 and a chocolate for ₹25. He gave ₹100 to the shopkeeper. How much change did he get?

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## SECTION C

(3 Marks Each)

11. **Factors and Multiples:** Find all the common factors of 10 and 15.
12. **Geometry:** Draw a circle of radius 4 cm. Mark and label:
  - (a) The center 'O'
  - (b) A radius 'OP'
  - (c) A diameter 'AB'
13. **Measurement:** A family drinks 2 L 250 mL of milk in the morning and 1 L 500 mL in the evening. How much milk do they drink in a day?
14. **Bar Graphs:** The table shows the number of books in a library:

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Subject	English	Hindi	Maths	Science
No. of Books	25	20	30	15

Answer: (i) Which subject has the most books? (ii) What is the total number of books?

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## SECTION D

(4 Marks Each - Case Study)

### Case Study 1: The New Classroom Floor

A new classroom is being built. The floor of the room is rectangular, with a length of 9 metres and a breadth of 7 metres.

- (i) Find the area of the classroom floor in square metres. (2 Marks)
- (ii) Find the perimeter of the room to calculate the length of the skirting tiles needed. (2 Marks)

### Case Study 2: The Toy Train Pattern

A toy train has numbers painted on its bogies in a specific pattern:

Bogie 1: 100

Bogie 2: 150

Bogie 3: 200

Bogie 4: 250

- (i) What number will be painted on Bogie 7? (2 Marks)
- (ii) What is the sum of the numbers on the first three bogies? (2 Marks)

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## VIVA VOCE

(5 Marks)

- **Geometry:** If the radius is 3 cm, what is the diameter?
- **Multiples:** What is the smallest multiple of any number?
- **Measurement:** Which unit is used to measure the amount of water in a glass: Litre or Millilitre?
- **Lines:** How many endpoints does a line segment have?
- **Money:** If you buy a pencil for ₹5 and give a ₹20 note, how much change should you receive?