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SAMPLE SCHOOL — FICTIONAL

Weekly Test: Mathematics — Sample Assessment

Class: VIII

Topics: Fractions, linear equations, percentages and mensuration

Time Duration: 40 Minutes **Full Marks: 20**

Name

Father's name

Roll Number

Note:All Questions are mandatory

Section A — Objective / short answers (4 × 1 = 4 marks)

1. Find 3/4 + 1/8.
2. Solve: x + 7 = 15.
3. Find the area of a rectangle of length 8 cm and breadth 5 cm.
4. Find 15% of 200.

Section B — Show your working (4 × 2 = 8 marks)

5. Solve: 3x − 4 = 11.
6. Simplify: 2/3 + 5/6.
7. A square has a perimeter of 36 cm. Find its side length and area.
8. Express 0.375 as a fraction in its simplest form.

Section C — Apply your understanding (2 × 4 = 8 marks)

9. A class has 32 students. Three-eighths travel by bus. How many travel by bus, and how many use other transport? Show each step.
10. A rectangular garden is 12 m long and 8 m wide. Find its area and perimeter. Calculate the cost of grassing it at INR 15 per square metre.

Sample syllabus scope: fractions, basic algebra, percentages and area/perimeter. Question content is a synthetic demonstration, not a live question-generation result.

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