

O.P. JINDAL SCHOOL, SAVITRI NAGAR

Periodic Test – II (Round – I) 2025 – 26

Class/Section : VI / _____

MM : 20

Subject : Mathematics

Time : 1 Hr.

Name: _____

Roll No. _____

General Instructions: All questions are compulsory.

- i. Questions 1 to 8 are of 1 Mark.
- ii. Questions 9 to 11 are of 2 Marks.
- iii. Questions 12 to 13 are of 3 Marks.

Section A

Multiple choice questions:

1. The number with unit digit 0 or 5 is divisible by-
a) 10 b) 8 c) 5 d) 2
2. An athlete takes 1 round of a rectangular park, 40 m long and 20 m wide. Find the total distance covered.
a) 60 m b) 120 m c) 1200 m d) none of these
3. Which of the following pair is not co-prime?
a) 11, 12 b) 73, 74 c) 84, 94 d) 97, 98
4. The perimeter of a triangle whose sides are 2 cm, 3 cm and 4 cm are
a) 9 cm b) 18 cm c) 27 cm d) none of these
5. 1170 is not divisible by-
a) 9 c) 5
b) 10 d) 4
6. Perimeter of a regular pentagon is
a) Length x breadth b) 4 x side c) 2(length + breadth) d) 5 x side
7. $2 \times 3 \times 7$ is the prime factorisation of
a) 237 b) 21 c) 42 d) 1237
8. The area of a square of side 1 cm is
a) 1 sq. cm. b) 4 sq. cm. c) 16 sq. cm. d) none of these

Section B

Answer the following:

9. Find the common factors of 8, 12 and 24.

10. Find the perimeter of a square whose length is 5 cm.
11. The area of a rectangular park 25 m long is 300 sq. m. What is the width of the park?

OR

Find the length of the third side of a triangle having a perimeter of 55 cm and having two sides of length 20 cm and 14 cm respectively.

Section C

12. What is the cost of tiling a rectangular plot of land 500 m long and 200 m wide at the rate of Rs. 8 per hundred sq. m.?

OR

A farmer has a rectangular field having length 220 m and breadth 180 m. He wants to fence it with 3 rounds of rope. What is the total length of the rope used?

13. Find the prime factorization of given product without multiplying first.

$$108 \times 75$$
