O.P. JINDAL SCHOOL, SAVITRI NAGAR

Periodic Test – I (Round – II) 2026 – 27

Class/Section : VIII / _____ **MM : 20**

Subject : Mathematics **Time : 1 Hr.**

Name: _____ Roll No. _____

General Instructions: All questions are compulsory.

- Questions 1 to 5 are of 1 Mark.
- Questions 6 to 8 are of 2 Marks.
- Questions 9 to 11 are of 3 Marks.

Section A

Multiple choice questions:

1. Ukasar-Ukasar-Ukasar-Urapon shows:

a) 4 b) 5 c) 7 d) 8

2. Which of the following are never repeated?

a) I b) X c) D d) M

3. If one angle of a parallelogram is 120°, its adjacent angle is:

a) 60° b) 120° c) 180° d) none of these

4. The diagonals do not necessarily intersect at right angles in a

a) Kite b) square c) rhombus d) parallelogram

5. In Base-5 system, "O" stands for-

b) 5^3 b) 5^2 c) 5^1 d) 5^0

Section B

6. Write all the properties of a square.

OR

If three angles of a quadrilateral are 78°, 60° and 102°. Find the value of the fourth angle.

7. Find the sum of the given roman numerals without converting them to Hindu numerals.

CCCCXXIII + CCXXXII

8. Represent the following numbers in the Egyptian system:

a) 1025 b) 2660

Section C

9. Construct a square with diagonal 8 cm without using protractor.

OR

Draw a quadrilateral whose diagonals are of equal lengths 6 cm that bisect each other and intersect at an angle of 90°.

10. Solve as directed:

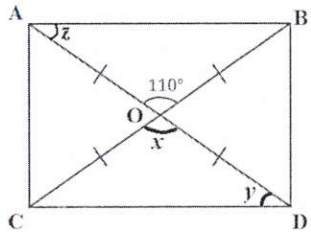
a) Add the given numerals that are in the base-5 system.



b) Find the product-



11. Find the value of x, y and z in the given rectangle when $\angle AOB = 110°$.



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