KOTHARI INTERNATIONAL SCHOOL, NOIDA
TERM END ASSESSMENT, SESSION: 2024-25
GRADE: 7   SUBJECT: MATHEMATICS
SET A SECTION A (OBJECTIVE)

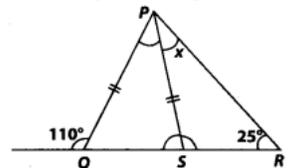**DAY & DATE: FRIDAY, 28 FEBRUARY 2025**

MAXIMUM MARKS: 20   **TIME ALLOTTED: 30 MINUTES**

NAME: _____   **ROLL NO: _____**

GENERAL INSTRUCTIONS:
- *i).   This question paper consists of 2 pages and 20 questions.*
- *ii).   Question Nos.1 to 20 carries 1 mark each.*
- *iii). It is compulsory to attempt all the questions.*
- *iv).   Read the question paper carefully and then attempt it.*

SECTION A		
Q1.	**The order of the rotational symmetry of the following figure about the point marked x is:** a. 1 b. 2 c. 3 d. 4	**(1)**
Q2.	**If the sides of a parallelogram are increased to twice its original lengths, how much will the perimeter of the new parallelogram increase:** a. 1.5 times b. 2 times c. 3 times d. 4 times	**(1)**
Q3.	**The value of *n* in $n = 32^{2/5}$ is:** a. 2 b. 4 c. 6 d. 8	**(1)**
Q4.	**In the given figure, PQ = PS. The value of x is:** a. 35° b. 45° c. 55° d. 70°	**(1)**
Q5.	**$53700000 = \_\_\_ \times 10^7$** a. 53.70 b. 5.307 c. 5.37 d. 5.007	**(1)**
Q6.	**The base of a triangular prism is:** a. Circle b. Triangle c. Square d. Both a and c	**(1)**

Q7.	The value of $-\frac{4}{3} - \left(-\frac{1}{3}\right)$ is: a. -2 b. -3 c. 2 d. -1	(1)
Q8.	Which of the following is equal to 1? a. $2° + 3° + 4°$ b. $2° \times 3° \times 4°$ c. $(3° -2°) \times 4°$ d. $(3° − 2°) \times (3° + 2°)$	(1)
Q9.	Which of the following equations can be formed starting with x = 0? a. $2x + 1 = -1$ b. $3x − 1 = -1$ c. $\frac{x}{2} + 5 = 7$ d. $3x − 1 = 1$	(1)
Q10.	The percent that represents the shaded region in the figure is: a. 36% b. 54% c. 60% d. 45%	(1)
Q11.	**Assertion: An item marked at Rs. 840 is sold for Rs. 714. The discount % is 15%** **Reason: Discount = Sale Price – Marked Price** a. Both assertion and reason are correct and reason is the correct explanation of assertion. b. Both assertion and reason are correct but reason is not the correct explanation of assertion. c. Assertion is correct but reason is false. d. Assertion is false but reason is true.	(1)
Q12.	**Assertion: $5024 cm^2$ is the area of circle of radius 40 cm.** **Reason: The area of circle = πr^2** a. Both assertion and reason are correct and reason is the correct explanation of assertion. b. Both assertion and reason are correct but reason is not the correct explanation of assertion. c. Assertion is correct but reason is false. d. Assertion is false but reason is true.	(1)
Q13.	_____ is the only rational number which is equal to its additive inverse.	(1)
Q14.	If x% of 50 is 10, then the value of x is _____.	(1)
Q15.	A tetrahedron has _____ edges.	(1)
Q16.	Weight of Nikhil increased from 60 kg to 66 kg. Then, the increase in weight is _____%	(1)
Q17.	Name the longest side in the triangle PQR, right angled at P _____.	(1)
Q18.	If the base of a pyramid is a pentagon, it is called a pentagonal pyramid. (True / False)	(1)
Q19.	If a wire in the shape of a square is rebent into a rectangle, then the area of both shapes remain same. (True / False)	(1)
Q20.	Order of rotational symmetry of a rhombus is four. (True / False)	(1)