THIRD TERM EXAMINATION – 2024   **A**

Class: 6   **SUMMATIVE ASSESSMENT - MATHEMATICS**

Time :2 Hrs.   **Marks: 60**

SECTION – A

I. Choose the correct answer.   **5 × 1 = 5**

1. The reciprocal of $\frac{53}{17}$ is _____.
    (a) $\frac{53}{7}$ (b) $5\frac{3}{17}$ (c) $\frac{17}{53}$ (d) $3\frac{5}{17}$

2. 3 Units to the left of 1 is _____.
    (a) -4   (b) -3   (c) -2   (d) 3

3. $2 \text{ cm}^2 = $ _____ mm^2
    (a) 20   (b) 200   (c) 2000   (d) 20000

4. The order of rotational symmetry of 818 is _____.
    (a) 1   (b) 2   (c) 3   (d) 4

5. The next term in the sequence 15, 17, 20, 22, 25, _____.
    (a) 28   (b) 29   (c) 27   (d) 26

II. Fill in the blanks.   **5 × 1 = 5**

6. The number which has its own reciprocal is _____.

7. There are _____ integers from -5 to +5 (both inclusive).

8. Perimeter of square _____ units.

9. The reflected image of the letter of 'q' is _____.

10. An equilateral triangle has _____ lines of symmetry.

III. Write True or False for the following.   **5 × 1 = 5**

11. The sum of any two proper fractions is always an improper fraction.

12. All whole numbers are integers.

13. In a square, all the sides are equal in length.

14. The reflection of the name **RANI** is **INAЯ**

15. The only even prime number is 2.

IV. Match the following: **5 × 1 = 5**

16. The area of a Rectangle   -   No line of symmetry
17. The greatest negative integer   -   Four line of symmetry
18. Parallelogram   - lb sq.units
19. Square   -   One line of symmetry
20. Isosceles Triangle   - -1

SECTION - B
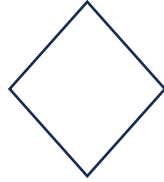
V. Answer any ten of the following.   **10 × 2 = 20**

21. Convert $5\frac{3}{7}$ into an improper fraction.

22. Find the sum of $\frac{1}{7}$ and $\frac{3}{9}$.

23. $\frac{10}{7} - \frac{3}{7} = ?$

24. Write all the integers between -5 and 4.

25. Mark the numbers $-4, -3, 6$ and -1 on the number line.

26. The side of a square is 5cm. Find its perimeter.

Kindly send me your key answers to our email id - padasalai.net@gamil.com

27. What words will you see if a mirror is placed at the bottom of the words MOM and COM?
28. Find the HCF of two numbers 10 and 20.
29. Write the predecessor and successor of -2.
30. Find the opposite of the following numbers.
    (i) 44   (ii) -19
31. Find the area of a rectangle of length 12cm and breadth 7cm.
32. Draw the lines of symmetry for the given figures and also find the lines of symmetry.
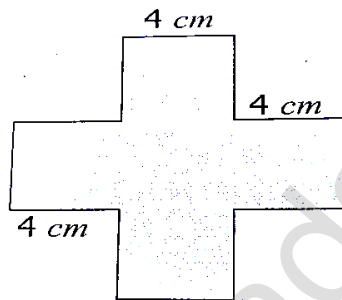

SECTION - C

VI. Answer any five of the following.   **$5 \times 3 = 15$**

33. Add $3\frac{2}{4} + 7\frac{2}{5}$
34. Arrange the integers in descending order $14, 27, 15, -14, -9, 0, 11, -17$
35. Put the appropriate sign as $<, \; >$ or $=$ in the box

    (i) -8 ☐ -7 (ii) -111 ☐ -111 (iii) 0 ☐ -200

36. Find the perimeter of the shape

37. Find next three numbers of $50, 51, 53, 56, 60,$ ____, ____, ____
38. Find the area of a right angled triangle whose base is 18cm and height is 12cm.
39. On the number line which number is 5 units to the right of 3?

SECTION - D

VII Answer any one of the following.   **$5 \times 1 = 5$**

40. Study and complete the following pattern.
    $1 \times 1 = 1$
    $11 \times 11 = 121$
    $111 \times 111 = 12321$
    $1111 \times 1111 = $ _____
    $11111 \times 11111 = $ _____

41. Study and complete the following pattern.
    (i) $3 + 4 + 5 + 6 = $ _____

    (ii) $4 + 5 + 6 + $ _____ $= 22$

    (iii) $7 + 9 + 11 + 13 = $ _____

    (iv)   AB, DEF, HIJK, _____, STUVWX

    (v)   20, 19, 17, _____, 10, 5