

# THIRD MID TERM TEST - 2025

## Standard - VI

Time: 1.30 hrs

MATHS

Marks: 50

5x1=5

I Choose the correct Answer:

1. If  $\frac{6}{7} = \frac{A}{49}$ , then the value of A is

- a) 42                      b) 36                      c) 25                      d) 48

2. The reciprocal of  $\frac{45}{74}$  is

- a)  $\frac{45}{74}$                       b)  $1\frac{29}{74}$                       c)  $\frac{74}{45}$                       d)  $1\frac{74}{29}$

3. One unit to the right of -7 is \_\_\_\_\_

- a) +1                      b) -8                      c) -7                      d) -8

4. A square shaped park has 40m as its perimeter, then the length of its side is \_\_\_\_\_

- a) 20m                      b) 10m                      c) 8m                      d) 5m

5. Which of the following does not have a line of symmetry?

- a) V                      b) Q                      c) T                      d) W

II Fill in the blanks

5x1=5

6. The number which has its own reciprocal is \_\_\_\_\_  
 7. \_\_\_\_\_ is less than every positive integer but greater than every negative integer.  
 8. In a rectangle the opposite sides are \_\_\_\_\_ in length.  
 9. \_\_\_\_\_ is an integer which is neither positive nor negative.  
 10. \_\_\_\_\_ shape has infinite number of symmetry lines.

III Say true or false

5x1=5

11. The reciprocal of a improper fraction is always a proper fraction.  
 12. -10 and 10 are at equal distance from 1.  
 13. The opposite number of -100 is +100.  
 14. The length of the boundary of any closed shape is called perimeter.  
 15. An equilateral triangle has three lines of symmetry.

IV Match the following:-

5x1=5

- |                         |   |                               |
|-------------------------|---|-------------------------------|
| 16. Area of a square    | - | No line of symmetry           |
| 17. Area of a rectangle | - | one line of symmetry          |
| 18. Area of a triangle  | - | length x breadth              |
| 19. Isosceles triangle  | - | side x side                   |
| 20. Parallelogram       | - | $\frac{1}{2}$ x base x height |

(2)

VI Maths

5x2=10

V Answer any five of the following:

21. Find the sum of  $\frac{1}{7}$  and  $\frac{3}{9}$ .22. Multiply:  $\frac{3}{8} \times \frac{4}{5}$ 

23. Write all the integers between -3 and 3.

24. Put appropriate signs as  $>$ ,  $<$  or  $=$  in the box.i)  $-8$    $-7$ ii)  $-999$    $-1000$ iii)  $-111$    $-111$ iv)  $0$    $-200$ 

25. Find the area of a rectangle of length 12m and breadth 10m.

26. Find the perimeter of a scalence triangle with sides 7m, 8m and 10m.

27. Draw the line of symmetry for a square and rectangle.

VI Answer any five of the following:

5x3=15

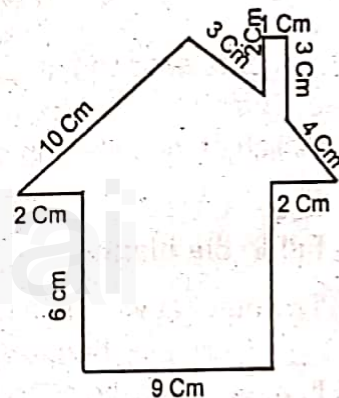
28. An oil tin contains  $3\frac{3}{4}$  litres of oil of which  $2\frac{1}{2}$  litres of oil is used. How much oil is left over?29. A rod of length 6m is cut into small rods of length  $1\frac{1}{2}$ m each. How many small rods can be cut?

30. Arrange the following integers in ascending order.

 $-15, 0, -7, 12, 3, -5, 1, -20, 25, 18$ 

31. Mark the numbers 4, -3, 6, -1 and -5 on the number line.

32. Find the Perimeter of the given figure.

33. A field is in the shape of a right angled triangle whose base is 25m and height 20m. Find the cost of levelling the field at the rate of Rs.45 per sq.m<sup>2</sup>.

34. Find the perimeter and the area of a right angled triangle whose sides are 6 feet, 8 feet and 10 feet.

VII Answer any one of the following:

1x5=5

35. Complete the table using the following hints.

 $C_1$  : First number of the Natural numbers. $C_2$  : Opposite of -5 is \_\_\_\_\_ $C_3$  : 4 units right to -7 $C_4$  : The number neither positive nor negative. $C_5$  : 10kg below normal weight. $C_6$  : A gain of Rs.100

$C_1$	$C_2$	$C_3$
$C_4$	$C_5$	$C_6$

36. Find the alphabets in the box which have

i) No line of symmetry.

ii) One line of symmetry.

iii) Two lines of symmetry.

iv) Many lines of symmetry.

A	M	P	E	D
I	K	O	N	X
S	H	U	V	W
Z	Y	T	J	F

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