

**THIRD MID TERM TEST - 2023****Standard - VI****MATHS**

Time: 1.30 hrs

Marks:50

**I Choose the correct Answer.**

5x1=5

1. The reciprocal of  $\frac{53}{17}$  is  
 a)  $\frac{17}{53}$                       b)  $5\frac{3}{7}$                       c)  $\frac{53}{17}$                       d)  $3\frac{5}{17}$
2.  $\frac{1}{2} + \frac{4}{2}$   
 a)  $\frac{1}{2}$                       b)  $\frac{4}{2}$                       c)  $\frac{5}{2}$                       d)  $\frac{5}{4}$
3. If  $\frac{6}{7} + \frac{4}{49}$  then the value of A is  
 a) 42                      b) 36                      c) 25                      d) 49
4. One unit to the right of -7 is  
 a) +1                      b) -8                      c) -7                      d) -6
5. Perimeter of a square  
 a) 4S                      b) 3S                      c) 2S                      d) S

**II Say true or false :**

5x1=5

6.  $3\frac{1}{2}$  can be written as  $3 + \frac{1}{2}$
7.  $\frac{3}{7} + \frac{2}{7} = \frac{5}{14}$
8. -1 is to the right of 0.
9. All whole numbers are integers.
10. Perimeter of the rectangle =  $2x(l+b)$  units.

**III Match the following:**

5x1=5

11. Integers                      -                      (lxb)sq.units
12. The opposite of 3                      -                      -7
13. The successor of -8                      -                      4 sides equal
14. A square                      -                      -3
15. Area of a rectangle                      -                      Z

**IV Answer any Ten of the following:**

10x2=20

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

17. Add:  $\frac{3}{5} + \frac{4}{5}$

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18. Subtract:  $\frac{10}{20} - \frac{5}{20}$

19. Multiply:  $\frac{3}{4} \times \frac{2}{5}$

20. Divide:  $\frac{4}{3} \div \frac{5}{9}$

21. Find the opposite of

i) 44      ii) -19

22. Put &lt;, &gt; in the Box

i)  $-7 \square 8$       ii)  $0 \square -200$ 

23. Arrange in ascending order

-3, 0, -2, 3, 2, -1, 4, 1

24. Which is smaller: -10 (or) -15

25. The side of a square is 5cm. Find the perimeter.

26. If the length of a rectangle is 12cm and the breadth is 10cm. Find the area.

27. Find the area of a square of side 15cm.

**V Answer any Five of the following:****5x3=15**

28. Simplify:  $1\frac{3}{5} - 1\frac{3}{5}$

29. Divide:  $4\frac{1}{2} \div 3\frac{1}{2}$

30. Put &lt;, &gt;, = in the Box

i)  $-111 \square -111$       ii)  $-99 \square -100$       iii)  $-7 \square +7$ 

31. Arrange in ascending order:

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

32. Mark the numbers on the number line

4, -3, 6, -1, -5, 3

33. Base is 18cm, Height is 12cm. Find the area of a right angled triangle?

34. Find the perimeter of An equilateral triangle with side 6cm.