

Class : 6Register
Number**THIRD TERM - SUMMATIVE ASSESSMENT(SA) - 2024-25**

Time Allowed : 2.00 Hours]

MATHEMATICS

[Max. Marks : 60

PART - I**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. 3 units to the left of 1 is
a) -4 b) -3 c) -2 d) 3
3. If two identical rectangles of perimeter 30cm are joined together, then the perimeter of the new shape will be
a) Equal to 60 cm b) less than 60 cm
c) Greater than 60 cm d) Equal to 45 cm
4. Which word has a vertical line of symmetry?
a) DAD b) NUN c) MAM d) EVE
5. If the HCF of 26 and 54 is 2, then HCF of 54 and 28 is -----
a) 26 b) 2 c) 54 d) 1

II. Fill in the Blanks.**5x1=5**

6. The sum of a whole number and a proper fraction is called -----
7. -46 is to the ----- side of -35 on the number line.
8. $18m^2 =$ ----- cm^2 .
9. The reflected image of the letter 'q' is -----
10. ----- Symmetry occurs when an object slides to new position.

III. Say True or False:**5x1=5**

11. The sum of any two proper fraction is always an improper fraction.
12. -1 is to the right of 0.
13. Perimeter of rectangle is $P = 2(l + b)$ units.
14. Order of rotation of a circle is infinite.
15. The next term in the sequence 15, 17, 20, 22, 25..... is 26.

IV. Match the following:**5x1=5**

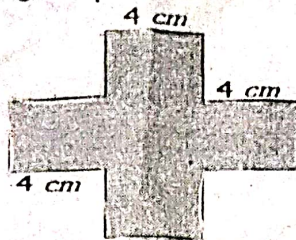
16. $5\frac{1}{3} - 3\frac{1}{2}$ = 312
17. $\frac{16}{5}$ is = (s x s) sq. units
18. Area of square = No line of symmetry
19. Parallelogram = an improper fraction
20. Opposite of -312 = $1\frac{5}{6}$

PART - II**V. Answer any 10 of the following.****10x2=20**

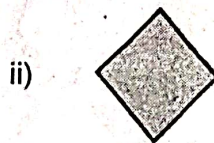
21. Convert $3\frac{7}{18}$ into an improper fraction.
22. Simplify $\frac{3}{7} + \frac{2}{3}$
23. Find the difference between $\frac{8}{9}$ and $\frac{2}{7}$
24. Multiply: $8\frac{1}{3} \times 5$
25. Divide: $\frac{4}{3} \div \frac{5}{9}$
26. If 15 km east of a place is denoted as +15 km, What is the integer that represents 15 km west of it?
27. Put the appropriate sign as (<, >, =) in the box.
i) -8 ☐ -7 ii) -111 ☐ -111

CH/6/Mat/1

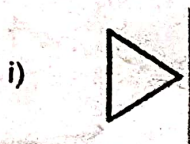
28. Write all integers between -3 and 3.
 29. Find the perimeter of a triangle whose sides are 7m, 8m and 10m.
 30. If the length of a rectangle 10m and the breadth is 12m, then find its area.
 31. Find the area of the square whose side is 8cm.
 32. Find the perimeter of the following shape.



33. Find the perimeter of the square whose side is 15 cm.
 34. Draw the line of symmetry for the given figures and also find the number of lines of Symmetry.



35. Draw the reflection image of the following figures about the given line.

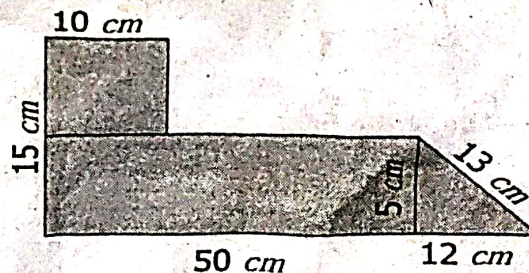


PART - III

- VI. Answer any five of the following questions.

5x3=15

36. Saravana's father bought $2\frac{3}{4}$ m, $2\frac{1}{2}$ m and $1\frac{1}{4}$ m of cloth. Find the total length of the cloth bought by him?
 37. 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?
 38. On the number line, Which number is
 i) 4 units to the right of -7
 ii) 5 units to the left of 3?
 39. Find the opposite of the following numbers.
 i) 44 ii) -19 iii) 0 iv) -312 v) 789 vi) -125
 40. Find the cost of fencing a square plot of side 12m at the rate of ₹15 per metre.
 41. Find the perimeter and Area of the shape.



42. Find the area of a right angle triangle. Whose base is 18 cm and height is 12 cm.
 43. Draw the lines of symmetry for an equilateral triangle and regular Pentagon. Also find the number of lines of symmetry.

PART - IV

- VII. Answer any One of the following.

1x5=5

44. a) Draw a number line and Mark the integers.
 6, -5, -1, 4 and -7, on it. (OR)
 b) Arrange the following integers in Ascending and Descending order.
 -99, -120, 65, -46, 78, 400, -600.

CH/6/Mat/2