

06-T3-MATHS-TIRUPATTUR

THIRD TERM SUMMATIVE EXAM - 2023

STD - VI

TIME : 2.00 Hrs

MATHEMATICS

MARKS : 60

I. Choose the best options.

5 x 1 = 5

1. The reciprocal of $\frac{53}{17}$ is
 a) $\frac{53}{17}$ b) $5\frac{3}{17}$ c) $\frac{17}{53}$ d) $3\frac{5}{17}$
2. There are positive integers from -5 to 6
 a) 5 b) 6 c) 7 d) 11
3. Which of the following letters does not have a line of symmetry?
 a) A b) P c) T d) U
4. 3 units to the left of 1 is
 a) -4 b) -3 c) -2 d) 3
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 x 1 = 5

6. The sum of a whole number and a proper fraction is called
7. The number which has its own reciprocal is
8. is an integer which is neither positive nor negative.
9. The reflected image of letter 'q' is
10. symmetry occurs when an object slides to new position.

III. True or False

6 x 1 = 6

11. $3\frac{1}{2}$ can be written as $3 + \frac{1}{2}$.
12. All whole numbers are integers.
13. -10 and +10 are at equal distance from 1.
14. Order of rotation of a circle is infinite.
15. The sum of any two proper fractions is always an improper fraction.
16. The number 191 has rotational symmetry.

IV. Match the following.

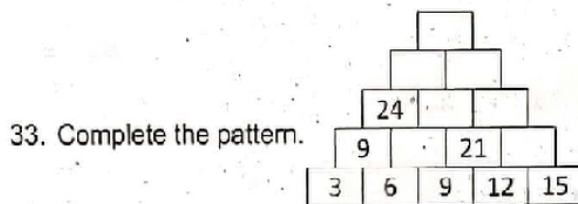
4 x 1 = 4

- | | | |
|-------------------------|---|------------------------|
| 17. Square | - | No line of symmetry |
| 18. Parallelogram | - | One line of symmetry |
| 19. Isosceless triangle | - | Two line of symmentry |
| 20. Rectangle | - | Four lines of symmetry |

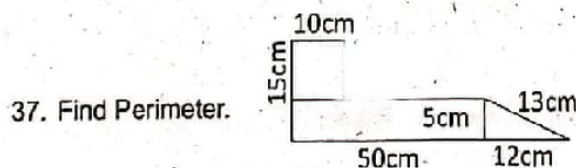
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V. Answer any Ten Questions.**10 x 2 = 20**

21. Multiply : $\frac{3}{8} \times \frac{4}{5}$
22. Simplify : $1\frac{3}{5} + 5\frac{4}{7}$
23. Arrange the integers in ascending order. -15, 0, -7, 12, 3, -5, 1, -20, 25, 18
24. Compare, -14 and -11
25. Side of a square is 5cm. Find its perimeter.
26. Find area of triangle whose base is 18cm and height 12 cm.
27. If length of a rectangle is 12cm, breadth is 10cm. Find its perimeter.
28. Draw the reflection image of i) P | ii) \triangleright |
29. What words will you see if a mirror is placed below the words. MOM, COM, HIDE, WICK?
30. Find next 3 numbers of the following pattern 10, 20, 40, 80,
31. Find HCF of 16 and 28.
32. Subtract : $\frac{8}{9} - \frac{2}{7}$

**Answer any FOUR Questions.****4 x 5 = 20**

34. Nilavan can walk $4\frac{1}{2}$ km in one hour. How much distance will cover in $3\frac{1}{2}$ hours.
35. Find three equivalent fraction of $\frac{3}{4}$ and $\frac{2}{3}$
36. Using numberline write the integer 5 more than -6.



38. A square park has 40 m as its perimeter. Find its side? Also find its area.
39. Find HCF by Euclids game. 25 and 35.
40. Draw the lines of symmetry for an equilateral triangle, square and also find the number of lines of symmetry.