# BK BIRLA CENTRE FOR EDUCATION

**SARALA BIRLA GROUP OF SCHOOLS**
**SENIOR SECONDARYCO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL**
**PERIODIC TEST-2 (2024-25)**
**MATHEMATICS (041) QUESTION PAPER**

Class: IV
Date: 10.12.2024
Admission No:

Duration: 1 Hrs.
Max. Marks: 25
Roll No.:

*General Instructions:*
*Questions 1 to 5 are 1 mark each.*
*Questions 6 to 9 are of 2 marks each.*
*Questions 10 and 13 are of 3 marks each.*

## SECTION-A $(5 \times 1 = 5)$

**Choose the correct answer.**

1) Which of the following is neither prime nor composite number?

a) 0 b) 1 c) 2 d) None of these

2) How many prime numbers in between 1 to 100?

a) 25 b) 50 c) 30 d) None of these

3) Unit of perimeter is

a) Cu.m b) sq.m c) m d) None of these

4) Perimeter of a rectangle = _____.

a) $2\times (l + b)$ b) $(l \times b)$ c) $4 \times side$ d) $side \times side$

5) The number with unit digit 0 or 5 is divisible by.

a) 2 b) 10 c) 5 d) None of these

## SECTION- B $(4 \times 2 = 8)$

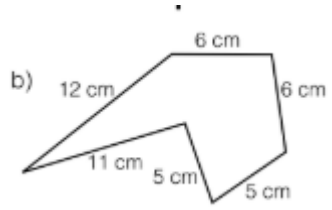
6) Find the perimeter of the triangles having the sides are

8 cm, 10 cm and 12 cm

7) Write the first four multiples of 6 and whether multiples are odd or even.

8) Write the prime factorisation of 64 by factor tree method.

9) Find the perimeter of the given figure.




**SECTION- C** $(4 \times 3 = 12)$

10) Using prime factorization method, find the HCF of 8 and 12.

OR

Find the LCM of 4 and 6 by common multiples.

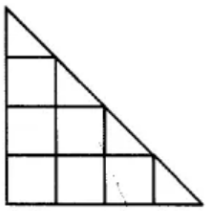
11) Apply the test of divisibility and complete the table by writing YES or NO in each box

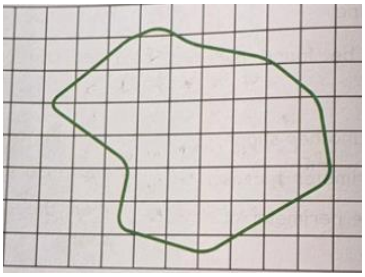
| Number | 2 | 3 | 5 | 6 |
|---|---|---|---|---|
| 560 | | | | |
| 625 | | | | |
| 384 | | | | |

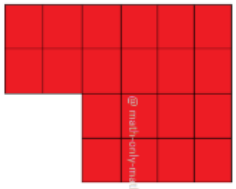
12) Find the perimeter of square with the given dimension.

Side = 15 cm

13) Find the areas of the following figures by counting square: ( ▢ =1 square cm)

a) 

b) 

c) 

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