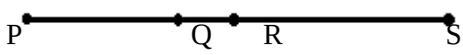
LITTLE FLOWER SCHOOL, RAPTI NAGAR, GORAKHPUR
FIRST SEMESTER EXAMINATION 2020 - 2021

Class: VI **Time: 2 Hours**
Mathematics **Max Marks: 100**

SECTION-A (30 MARKS)

Attempt any 10 Questions-[10x3=30]

1. Form the greatest and the smallest 4-digit numbers using the given digits, without repetition
   i. 3,7,2 and 5 ii. 6,1,4 and 9
2. How many 5 digit numbers are there in all?
3. Write the number name of each of the following numerals in the International system
   i. 101,011,110 ii. 5,003,030
4. Draw a number line to find:
   i. (-5)+3 ii. 4+(-6)
5. Use distributive law and evaluate: 365 x 645 + 135 x 645
6. Arrange in ascending order:
   i. 7,15,840 ; 98,756 ; 8,94,105 ; 17,18, 195 ; 98, 678 ; 8,95,103
   ii. 1,48,65,710 ; 2,05,07,106 ; 3,00,08,215 ; 27,86,789 ; 28,76,879
7. Subtract :
   i. -95 from 0 ii. -16 from -25
8. Solve: 2x+12=3-x
9. Draw a square of 5 cm and all lines of symmetry.
10. Write the number of faces, number of edges and number of vertices in a triangular pyramid.
11. Find the diameter of a circle of radius :
    i. 5cm ii. 2.8 cm
12. Count the number of line segments and name them:



SECTION-B (70 MARKS)

Attempt any 14 Questions-[14x5=70]

1. Find the difference between the smallest and greatest six-digit numbers.
2. Find the sum of:
   i. -49 and +32 ii. -56 and -13
3. The cost of chair is Rs 1586. How much will such 245 chairs cost?
4. By how much is 1,43,56,803 larger than 86,78,215 ?
5. Simplify :
   i. 39 – 18 ÷ 3 + 2 x 3 ii. 15 ÷ 5 x 4 ÷ 2
6. Evaluate :
   i. |-8|+|-6|-|-10| ii. |-6|+|-1|-|-5|
7. If the cost of 35 flats is Rs. 1,24,94,300. Find the cost of each flat.
8. Find the difference :
   i. (-63) - (-7) ii. (-12) – (-71)
9. The sum of two integers is -23. If one of them is 12, find the other.

10. A car travelled east of Delhi by 100 km and then to the west of it by 130 km. How far from Delhi was the car finally?
11. Which letters of English alphabet have no lines of symmetry?
12. Arrange the following:
    i. -8, 0,-5,5,4,-1 (ascending order)
    ii. 12,23,-11,0,7,6 (descending order)
13. A man had Rs 1,35,00,000 with him. He gave Rs 56,32,560 to his wife , Rs 37,84,890 to his son and the balance to his daughter. How much money does the daughter get?
14. Find the approximate difference nearest to thousand :
    i. (45,783 – 38,695) ii. (7,654 – 4,368)
15. Solve : $\frac{x}{2} - 6 = \frac{x}{3} - 5$
16. In the adjoining figure write :
    i. All pairs of parallel lines.
    ii. All sets of collinear points.
    iii. One set of non- collinear points