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Marks: 20

STD: VIII

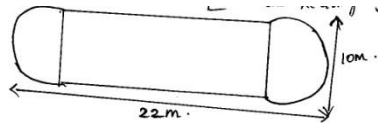
PA4 - MATHS

Time: 30 min

I. Answer in one word:

3x1=3

1. Area of a semi - circle \_\_\_\_\_.
  2. \_\_\_\_\_ gives the number of times that a particular entry occurs.
  3. Data mostly available in an unorganised form is called \_\_\_\_\_.
- II. Solve the following questions: 3x4=12
4. The area of a trapezium shaped field is  $480 \text{ m}^2$ , the distance between two parallel sides is  $15\text{m}$  and one of the parallel side is  $20\text{m}$ . Find the other parallel side.
  5. The shape of a garden is rectangular in the middle and semi-circular at the ends. Find the area of the garden. [Hint: Length of the rectangle =  $12\text{m}$ ]



6. Find the area of the Rhombus who diagonals are  $16\text{cm}$  and  $30\text{cm}$ .

III. Graph:

1x5=5

7. Draw a histogram for the following data:

Class Interval	Frequency
0 - 10	2
10 - 20	10
20 - 30	21
30 - 40	19
40 - 50	7
50 - 60	7