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Marks: 20

STD: VIII

PA4 – MATHS (PART – II)

Time: 30 min

I. Answer in one word:

4x1=4

1. Amount of region occupied by a solid is called its \_\_\_\_.
2. A cuboid whose length breath and height are all equal is called a \_\_\_\_.
3. A \_\_\_\_ shows the relationship between a whole and its part.
4. Find Q in the addition:

$$\begin{array}{r} 3 \quad 1 \quad Q \\ 1 \quad Q \quad 3 \\ \hline 5 \quad 0 \quad 1 \end{array}$$

SECTION – B

II. Answer the following:

5. i) Find A, B & C in the addition. (3)

$$\begin{array}{r} 1 \quad A \quad B \\ C \quad C \quad A \\ \hline 6 \quad 9 \quad 7 \end{array}$$

- ii) Find y in the product of

$$\begin{array}{r} 1 \quad y \\ \times \quad y \\ \hline 9 \quad 6 \end{array}$$

6. A bag contains 72 coloured balloons and the number of each color of balloons is given in the table.

Colour	No. of Balloons
Red	12
Yellow	24
Green	20
Blue	16

Draw a pie chart to show this information. (5)

7. A cuboid is made of metal. It is 27cm × 18cm × 12cm. It is melted & recast into small cubes with an edge 6cm in length. How many such identical cubes are made, assuming that there is no wastage in the process? (4)
8. Find the side of a cube whose volume is 216cm<sup>3</sup>? (3)