

# St.Thomas School , Dhurwa, Ranchi

## Physics Home Assignment of std 7

Answer the following questions:

Q1) Define area and write it's SI unit.

Q2) Define volume and write it's SI unit. Also write one commonly used unit of volume.

Q3) A tennis ball is of diameter 7 cm. What is its volume in (a)  $\text{cm}^3$  (b)  $\text{m}^3$

Q4) Express  $500 \text{ cm}^3$  of water in (a) ml and (b) litres

Q5) State two multiples and two submultiples of SI unit of area and express their numerical values in SI units.

Q6) How many millilitres are contained in (a)  $1\text{m}^3$  (b) 1 litre

Q7) Statements given below are incorrect. Write the correct statement:

(a) The area of a 5 rupees coin is best expressed in  $\text{m}^2$ .

(b) One hectare is equal to the size of a square having side 10m.

Q8) Find the area of a plot measuring 2km in length and  $\frac{1}{2}$  km in breadth.

Q9) By using a measuring cylinder, a fine cotton thread and water, explain how will you find the volume of an irregular piece of stone.

Q10) Name the apparatus used to measure very accurately the volume of a liquid between 1 ml to 50 ml.

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