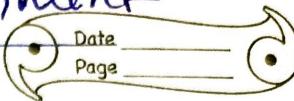


26/09/2021

## Physical Quantities & Measurement

### Revision Home-work -1



1) Define volume

→ volume is the space occupied by the matter & known as volume.

2) State and Define the SI unit of volume:-  
the SI unit of volume is  $m^3$  or cubic meter or ~~metre~~ metre cube.

$$1m^3 = 1m \times 1m \times 1m$$

$$= 100\text{cm} \times 100\text{cm} \times 100\text{cm}$$
$$= 10^6\text{cm}^3$$

3) Measurement is the act of measuring anything.

a) The measurement of the area covered by a object is called as area.

b) The SI unit of Area is  $\text{cm}^2$ .