KALPAVRUKSHA MODEL SCHOOL

ONLINE CLASS ASSIGNMENT

Class: VI   **Sub: Physics**   **Date: 4.08.2021**

Topic: Measurement and Motion (Practical)

I. Answer the following questions:

1. Name units of length that are not standard units.
Ans : Cubit, Fathom, pace, foot are the non-standard units of length.

2. Name three ways to measure the length.
Ans : The three ways to measure the length are by ruler, by thread or string, by Divider.

3. Which device can we use to measure the length of a curved line?
Ans : We use to measure the length of a curved line by thread or string.

4. Is one millimetre larger or smaller than one centimetre?
Ans : one millimetre is smaller than one centimetre.

5. Explain how one can measure the length of a curved line using a string.
Ans : The following steps should be followed while measuring a curved line
   (a) First we have to take a string.
   (b) Place the string along the path of the curved surface.
   (c) Mark the string where the curve line begins and ends.
   (d) Place the string on the scale starting from zero to the marked end point.
   (e) Measure this length by the help of the scale.

6. Neha wants to buy a dupatta that is 950 cm long. The shopkeeper wants her to give the measurement in meters. Can you help her?
Ans : Neha wants to buy a dupatta is 950cm.
   But shopkeeper wants her to give the measurement in metres.
   1m=100cm
   ?=950cm
   100=950× 1
        =950/100
        =95/10
        =9.5 m

7. A 50 cm scale has one end broken. The mark at the broken end is 3.6 cm. How would you use it to measure the length of your pencil?

Ans: Put one end of the pencil at nearest full mark say 4.0 cm in this case. Take the reading of the other end. Now subtract 4 from the previous reading and this will be the required length of pencil.

II. Read the lesson "Measurement and Motion" from the textbook.

Prepared By: Priyanka K   **Verified By: Aruna B M (HOD Science)**