



KALPAVRUKSHA MODEL SCHOOL

ONLINE CLASS ASSIGNMENT

Class: VI

Sub: Physics

Date: 24.05.2021

Topic: Measurement and Motion- Part-2

I. Answer the following questions.

1) Discuss the significance of measurement.

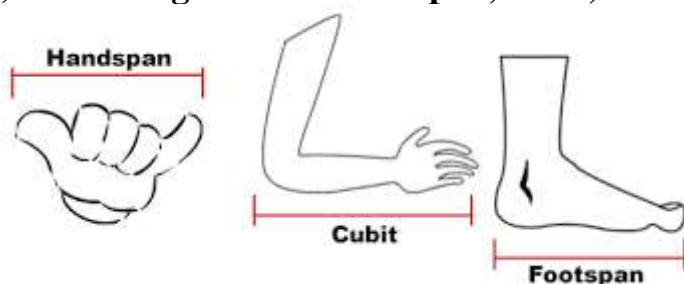
Ans : Significances of measurement are:

- a) It helps us to compare unknown quantity with known quantity.
- b) It helps us make quantitative statements about something like how big, how long, how fast.

2) Name the different non-standard unit of measurement.

Ans : Cubit, Fathom, Hand-span, Foot, Pace etc

3) Draw diagrams of hand-span, cubit, and fathom.



4) Why can a pace or a footstep not be used as a standard unit of length?

Ans : A pace or a footstep cannot be used as a standard unit of length because the size of pace and footstep varies from one person to another. This leads to confusion while measuring the lengths by different persons. We should use standard units like International System of Units (SI Units).

5) Discuss with examples how people measured length in ancient times

Ans : In ancient times, people used different body parts like hand span, cubit and fathom to measure length. Hand span is the distance between the tip of the thumb and the tip of the little finger of a fully stretched hand. Cubit is the distance between the tip of the middle finger and the elbow. Fathom is the length of the outstretched arm. Foot, pace, and yard are some other units of length based on body parts.