

LN. 10 : MOTION AND MEASUREMENT OF DISTANCES

I Mention the type of motion taking place in :

1. The horse pulling a cart
2. Earth moving around the sun in its orbit
3. A child playing with a top
4. A coin moving over a carom board
5. A ball fixed to string
6. Motion of a branch of a tree when it shaken heavily.

II State True (T) or False (F) against the following statements :

- a. Handspan cannot be used to measure length all over the world.
- b. Ten millimeter is equal to 1 metre.
- c. Motion and rest are different terms
- d. To measure the diameter of tree, you can use measuring tap or thread.
- e. Kilometre is the SI unit of length.
- f. Length of curved line cannot be measured by metre scale directly.

III Fill in the blanks :

- 1. 1000 times the length of a metre is called _____.
- 2. The $1/1000$ part of a metre is called _____.
- 3. The motion which repeats itself after a fixed interval of time is called _____ motion.
- 4. The motion described by a violin string is _____ motion.