## 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 scare 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.