# BAL BHARATI PUBLIC SCHOOL, G.R.H.MARG G Sc. CLASS VI

#### **MOTION AND MEASUREMENT OF DISTANCES**

#### **ASSIGNMENT No.9**

### <u>FA-3</u>

Q1. What is a unit? Why do we need standard units	Q1.	What is	s a unit?	Why do	we need	standard	units?
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- Q2. What is the standard unit of length?
- Q3. Name the various units of measurement used in ancient times.
- Q4. Why are hand span and cubit not used as standard units?
- Q5. Convert:
- 1. 142cm = \_\_\_\_\_ mm.
- 2. 5.4 km = \_\_\_\_\_ m.
- 3. 7.5 m = \_\_\_\_\_ cm.
- Q6. Name the suitable measuring device you would choose to measure:
- 1. the size of your chest.
- 2. the length of a piece of cloth.
- 3. the length of a line segment.
- 4. the girth of a tree.
- Q7.Mention the various precautions that you must keep in mind while taking measurements of the length of a object.
- Q8. While measuring the length of a match box, the reading at one end is 1.0cm and at the other end is 4.3cm. What is the actual length of the match box?
- Q9. Describe how you would measure the length of a curved line using a thread.

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Q10.	Define	with	examp	les:
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a)Motion b) Rectilinear motion c) Circular motion

d) Periodic motion e) Rolling motion.

Q11. Identify the types of motion in the following examples:

1. Heartbeat 2. Motion of a drawer of a table

3. Potter's wheel 4. Motion of a drill machine

5. Wheels of a moving car 6. A boy sliding down a slope

7. An apple falling from a tree 8. Needle of a sewing machine

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