BAL BHARATI PUBLIC SCHOOL,G.R.H.MARG

G Sc. CLASS VI

MOTION AND MEASUREMENT OF DISTANCES

ASSIGNMENT No.9

FA-3

Q1. What is a unit? Why do we need standard units?

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.

1.

Q10. Define with examples:

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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