BHARATH COACHING CENTRE

6th CBSE | Motion and measurements of distances | Total: 40

Science | Time: 2.00hrs

SECTION – A 5 x 1 = 5

1. Motion of the needle of a sewing machine ____
2. Motion of a child on a swing is ____
3. Motion of wheel of a bicycle is ____
4. Five kilometer is _____
5. Name two examples of periodic motion.

SECTION – B 10 X 2 = 20

6. Define rest and motion.
7. State two precautions to be observed while measuring length with the help of a meter scale.
8. Define the term standard unit.
9. How can a measured length be expressed?
10. List the common characteristic of living things.
11. Why can a pace or a footstep not be used as a standard unit of length?
12. Write the similarities and differences between the motion of a bicycle and a ceiling fan that has been switched on.
13. The distance between Radha's home and her school is 3250m. Express this distance in km.
14. The height of a person is 1.65m. Express this in mm and cm.
15. Give two examples each of modes of transport used on land, water and air.

SECTION – C 3 X 5 = 15

16. Why do we need standard unit for measurement?
17. How are the motions of a wheel of a moving bicycle and a mark on a blade of a moving electric fan different? Explain.
18. Give two examples for each of the following motions: i) Linear motion ii) Spinning motion iii) oscillatory motion iv) periodic motion v)vibrational motion vi) Circular motion vii) Random motion