

# ATOMIC ENERGY EDUCATION SOCIETY

SESSION 2020-2021

SUBJECT: SCIENCE **WORKSHEET FOR MODULE 1 of 3**

CLASS- VII

## CHAPTER -13

## MOTION AND TIME

### I. Fill in the blanks:-

- a. The motion of a pendulum is a \_\_\_\_\_ motion.
- b. \_\_\_\_\_ is the distance moved by an object in a unit time.
- c. \_\_\_\_\_ events help in the measurement of time.
- d. Periodic motion of \_\_\_\_\_ has been used to make clocks and watches.
- e. The metallic ball of the pendulum is called \_\_\_\_\_.

### II. Answer the following questions:-

1. When do we say that the object is in motion?
2. Define : a. Rectilinear motion  
b. Circular motion  
c. Periodic motion
3. Differentiate between uniform motion and non- uniform motion.
4. Define speed.
5. Explain the structure of a simple pendulum.
6. What do you mean by one oscillation?
7. Define "Time period."
8. What is the basic unit of time and speed?
9. A man riding a scooter travels a distance of 60 m in 20 seconds. What is the Speed of the scooter?
10. A car travelling at a speed of 90 km/hr takes 3 hours to reach its destination. What distance has the car travelled?
11. A car is moving at a speed of 60 Km/hr. How much time it will take to cover a distance of 300 Km?
12. A train A travelled a distance of 150 Km in 3 hours whereas train B travelled a distance of 180 Km in 4 hours. Which train travelled faster?

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