



## Sri Vidyaniketan Public School – Sriramnagar

**Subject: physics**

**Topic: MOTION AND LIGHT**

**Class: 6<sup>th</sup>**

### WORKSHEET

I. Multiple choice questions.

1. Which of the below motion is a periodic motion

- a. Motion of a ant                      b. A swing in a playground
- c. Simple pendulum                  d. A flying bird

2. Which of the below are in motion

- a. A table                                  b. A house
- c. A fish moving in water              d. A moving train

3. Which is incorrect among that following?

- a. rest and motion are relative terms
- b. motion along a straight line is called rectilinear motion
- c. earth rotating around the sun shows circular motion and periodic motion
- d. a rotating wheel of a car shows circular motion

4. What do we say when a body remains in one position for a long time?

- a. motion                      b. rest
- c. stationary                  d. none of the above

5. Which type of motion of an object that moves in a straight line?

- a. Rectilinear motion                  b. Periodic motion
- c. Circular motion                      d. none of the above

6. Which type of motion repeats itself at regular intervals of time?

- a. Circular motion
- b. Periodic motion
- c. Rectilinear motion
- d. none of the above

7. What type of motion is this?



- a. Periodic
- b. Curvilinear
- c. Translatory
- d. Circulatory

8. An example of rectilinear motion is

- a. apple falling from a tree
- b. motion of a car on road
- c. a spinning top
- d. both (a) and (b)

9. A Bicycle Is Moving On A Straight Road. Which Of The Following Types Of Motion Are Exhibited By It?

- a. Periodic motion and Rotational motion
- b. Rotational motion and Rectilinear motion
- c. Rectilinear motion and Circular motion
- d. Periodic motion and Circular motion

10. Which Of The Following Types Of Motion Is Not Exhibited By The Earth Moving Around The Sun?

- a. Circular motion
- b. Rotational motion
- c. Rectilinear motion
- d. Periodic motion

