

**WORK SHEET**  
**FIRST TERM**  
**SUBJECT- Science**  
**(Topics- Living and Non – Living & Motion)**

**CLASS- VI**

**Date:** \_\_\_\_\_

**Q.I. Define the following.**

- a. Lifespan
- b. Excretion
- c. Stimulus
- d. Organ System
- e. Respiration
- f. Tissue
- g. Organ
- h. Cell
- g. Oscillatory motion

**Q.II. Fill in the blanks.**

- a. The motion described by a simple pendulum is \_\_\_\_\_ motion.
- b. Green plants are called \_\_\_\_\_.
- c. Motion of a car on straight road is \_\_\_\_\_ motion.
- d. Motion of needle of sewing machine is \_\_\_\_\_ motion.
- e. Green leaves contain \_\_\_\_\_ pigment to absorb solar energy.
- f. Motion of an object around a fixed point is known as \_\_\_\_\_ motion.
- g. Rotation of earth about its axis is an example of \_\_\_\_\_ motion.

**Q.III. Match the following columns.**

**Column A**

- a. Rectilinear motion
- b. Periodic motion
- c. Circular and periodic motion
- d. Oscillatory motion
- e. Heterotrophs

**Column B**

- i. Pendulum of clock
- ii. Earth around sun.
- iii. All animals
- iv. Swing
- v. Car moving on straight road.

**Q.IV. Choose the correct option.**

- 1. Fish absorbs oxygen from water through their  
a. Lungs                      b. Gills                      c. Skin                      d. Gall bladder
- 2. Which one animal move away from light?  
a. Earthworms                      c. Snail  
b. Snake                      d. Monkey
- 3. The movement of moon around the earth is an example of  
a. Rotational motion                      c. Oscillatory motion  
b. Periodic motion                      d. Translatory motion
- 4. Change in position of a body with time is called  
a. Distance                      b. Motion                      c. Displacement                      d. Speed

5. To and fro movement of body is termed as
- a. Linear motion
  - b. Rotational motion.
  - c. Oscillatory motion
  - d. Circular motion.
6. What kind of motion a bullet shows when fired from a gun?
- a. Rotational motion
  - b. Translatory motion
  - c. Circular motion
  - d. Non-periodic motion.
7. The movement of a spinning top is an example of
- a. circular & rotational motion
  - b. rotational & linear motion
  - c. oscillatory motion
  - d. circular & linear motion

**Q.V. Name the following:**

- a. The motion of the Ferris wheel.
- b. Two organisms which are made of only one cell.
- c. The process through which green plants make their own food.
- d. A plant which shows sensitivity to touch.
- e. The motion of the vibration of the string of a musical instrument.

**Q.VI. Answer the following in not more than 20 words:**

- a. Mention five characteristics of a living being.
- b. What is periodic motion? Give one example.
- c. What do the living and non-living have in common?
- d. When is a body said to be in motion in relation to an observer?
- e. What is curvilinear motion? Give one example.
- f. When is a body said to be at rest?

**Q.VII. Answer the following in 40 words:**

- a. Growth, we say, is a characteristic of a living being. But some nonliving things like crystals also grow. Can you differentiate between the two kinds of growth?
- b. What happens to the wastes produced in a plant body?
- c. Differentiate between living and non-living. Mention any five points.
- d. What is the difference between rotational motion and circular motion? Explain with examples.
- e. Quite often, a body has two types of motion at the same time. Give two examples of this.
- f. Saina and Megha are friends. They were riding on their bicycle. Saina said that motion of wheel of cycle is linear but Megha argued that motion of cycle wheel is rotational. Who was correct? Why?

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