



# KALPAVRUKSHA MODEL SCHOOL

## ANSWERS OF ASSIGNMENT

Class: VII

Sub: Physics

Date: 20.5.2021

Topic: TIME AND MOTION

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**Answer the following questions:**

**1. Name any three types of motion.**

**Ans:** Three types of motion.

- i) Rotational motion
- ii) Periodic motion
- iii) Non-periodic motion

**2. What do you mean by the term motion?**

**Ans:** Motion is a change in position of an object with respect to time.

**3. Define time.**

**Ans:** Time is the period between two events.

**4. What is the SI unit of time?**

**Ans:** Second is the SI unit of time.

**5. What do you mean by the term clock?**

**Ans:** An instrument used to measure time is known as a clock.

**6. What is the importance of time in our daily life?**

**Ans:** We need to measure time for a variety of applications like:

- a) to meet our clear cut schedules
- b) to know the rate of heart-beats in one minute
- c) to know when a plane or train arrived or left
- d) for writing exams
- e) to know the duration of a journey

**7. Give four examples for periodic motion.**

**Ans:** Examples: (a) Rotation of earth about its axis.

(b) The revolution of the Moon around the earth.

- (c) a vibrating tuning fork,
- (d) Hands of clock