KALPAVRUKSHA MODEL SCHOOL

ONLINE CLASS ASSIGNMENT

Class: VI **Sub: Physics** **Date:21.06.2021**

Topic: Measurement and Motion Part -6

Commented [1]: Approved

I. Answer the following questions:

1. Define motion. Give two examples.

Ans : An object is said to be in motion if its position changes with time.

2. Name the different types of motion.

Ans : There are different of motion: translational, rotational, periodic and non-periodic motion

3. Define translational motion. Give any three examples.

Ans : A type of motion in which all parts of an object moves the same distance in a given time is called translational motion.
Examples: Vehicles moving on a road, a child going down a slide, and a bird flying in the sky. Translational motion can be of two types, rectilinear and curvilinear.

4. Differentiate between rectilinear motion and curvilinear motion.

Ans :

Rectilinear motion	Curvilinear motion
When an object in translational motion moves in straight line is called rectilinear motion.	When an object in translational motion moves along a curved path.
Eg: A car moving in a straight line	Eg: A stone thrown up in the air

5. Give one similarity between rectilinear motion and curvilinear motion.

Ans : One similarity between rectilinear and curvilinear motions is that they both are types of translational motion.

6. What is estimation?

Ans : An idea how much is known as estimation.

7. Write a short note on the relevance of estimation.

Ans : In many cases, it is important to make accurate measurements. However, in some cases, such accurate measurements are not necessary.
For example, the distance between your school and your home need not be measured to the last millimeter, This ‘idea of how much’ is called ‘estimation’. It is useful for you if you learn how to estimate time, volume; temperature etc. Estimation skills will be very useful to you throughout your life