



KALPAVRUKSHA MODEL SCHOOL

ANSWERS OF ASSIGNMENT-3

Class: VII

Sub: Physics

Date: 3.6.2021

Topic: TIME AND MOTION

I. Answers:

1. Define Oscillation.

ANS: When a body moves from one position and comes back to the same position, it is said to complete an oscillation.

2. What are parts of a simple pendulum?

ANS: Small mass (like stone or a metal ball), string (inextensible), nail (rigid support) are parts of a simple pendulum.

3. Explain, how the motion of a child on a see-saw is an oscillatory motion?

ANS: Motion of a child on a see-saw – Oscillatory motion. As the see-saw goes up and down continuously. Therefore it is oscillatory motion.

4. What is the time period of a simple pendulum?

ANS: The time taken to complete one oscillation is called the time period.

5. Define a simple pendulum.

ANS: A setup that contains a small mass suspended from a fixed point and allowed to swing freely under the influence of gravity is called pendulum.

6. What is the time period of a simple pendulum?

ANS: The time taken to complete one oscillation is called the time period.

7. Write the units of time.

ANS:

60 seconds	→	1 minute
60 minutes	→	1 hour
24 hours	→	1 day
7 days	→	1 week
52 weeks	→	1 year
365 days	→	1 year
Decade	→	10 years
Century	→	100 years
millennium	→	1,000 years

8. Which is the largest unit of time?

ANS: Millennium is the largest unit of time.

9. Who made the first pendulum clock?

ANS: Christian Huygens made the first pendulum clock.