

BCM school Basant Avenue dugri Ludhiana

Class -7. Subject -Science

Assignment 2

- Q1. Explain the excretory system of humans.
- Q2. Write the SI unit of speed, time period.
- Q3. Explain the working of simple pendulum.
- Q4. Write the function of xylem and phloem.
- Q5. If a pendulum oscillates 30 oscillations in 15 seconds calculate the time period .
- Q6. Shahil covers the distance of 2.4 km to reach his college from home in 6min . Calculate time taken by him.

Case study

The smallest time interval that can be measured with commonly available clocks and watches is one second. However now special clocks are available that can measure time intervals smaller than a second. Some of these can measure time intervals as small as one millionth or even one billionth of a second.

- a) What is time period.
- b) Write the full form of NPL.
- c) Which is the SI unit of time.
- d) What do you mean by term frequency.

MCQ

Q1. The motion of the moon around the earth represents a

- (a) periodic motion
- (b) oscillatory motion
- (c) curvilinear motion
- (d) none of these

Q2. Which of the following is the SI unit of distance

- a) Km
- b) mm
- c) cm
- d) m

Q3. The cells in the blood which help in clotting are.

- (a) Haemoglobins
- (b) Platelets
- (c) Red blood cells
- (d) White blood cells

Q4. The device used by the doctor to check up the heart beat is called

- (a) anemometer
- (b) thermometer
- (c) barometer
- (d) stethoscope

Assertion reason

1. Assertion- periodic motion of a pendulum has been used to make clocks and watches.

Reason- pendulum of given length does not takes the same time to complete one oscillation.

Assertion (A) : The distance moved by an object in unit time is called its speed.

Reason (R) : Faster vehicles have higher speeds.