

4. Time period : The time taken by a body to complete one cycle of its to and fro motion.

H. 1. See answer on Page-156

2. Noise pollution may lead to many health hazards :

(i) It increases nervous tension, irritation, headache and high blood pressure.

(ii) Loud music during night time disturbs our sleep.

(iii) Prolonged exposure to high level noise can affect the ear-drum and may lead to temporary or even permanent loss of hearing.

3. Answer on page-156

4. Oscillation : Oscillation is to and fro motion of an object.

(a) Amplitude : The distance by which the ball moves away from two central position is called the amplitude.

(b) Time period : The time taken by the pendulum for one oscillation is called the time period.

(c) Frequency : The number of complete oscillation made by a simple pendulum in one second is called its frequency.

I. 1. Dog, 2. Fox

2. (i) Tabla – Percussion instrument

(ii) Violin – Stringed instrument

(iii) Flute – Wind instrument

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