

Chapter No. 7

- If amplitude of simple pendulum is increased by four times then its time period will be
a. four times b. same c. half d. two times
- The frequency of a second's pendulum is:
(A) 1 Hz (B) 2 Hz (C) 0.5 Hz (D) 5 Hz
- The product of time period and frequency is:
(A) Zero (B) 1 (C) π (D) 2
- On increasing the tension, frequency of vibration of a string:
(A) Increases (B) Decreases
(C) Remains constant (D) First increases then decreases
- Time period of simple pendulum only depends on:
(A) Mass of the bob (B) Length of the pendulum
(C) Amplitude of Vibration (D) Size of the bob
- Length of a simple pendulum whose time period is 1 sec:
(A) 0.25 m (B) 25 m (C) 100 m (D) 0.25 cm
- The SI unit of spring constant are:
(A) m^{-1} (B) Nm^{-1} (C) Nm^{-2} (D) N m^2
- The frequency of waves produced in microwave oven is
(A) 1435 Hz (B) 2450 MHz (C) 1860 MHz (D) 2850 Hz