

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Astronauts in space need to communicate with each other by radio links because:	A. Sound waves travel very slowly in space. B. Sound waves travel very fast in space. C. Sound waves cannot travel in space. D. Sound waves have low frequency in space.
2	Which form of energy is sound?	A. Electrical B. Mechanical C. Thermal D. Chemical
3	How does sound travel from its source to your ear?	A. By changes in air pressure B. By vibration in wires or strings C. By electromagnetic waves D. By infrared waves
4	Which is an example of a longitudinal wave?	A. Sound wave B. Light wave C. Radio wave D. Water wave
5	Diffraction of wave can be observed clearly only when the size of slit or obstacle is nearly _____ to the wavelength of the wave:	A. Two times B. Equal C. Four times D. None of these
6	If mass of bob of a simple pendulum is doubled, its time period.	A. is doubled B. becomes four times C. remains same D. none of the above
7	The time period of frequency and time period is equal to:	A. v B. 1 C. 0 D. λ
8	Thy Water waves obey the laws of	A. Reflection B. Refraction C. Diffraction D. All of these
9	Time period is reciprocal of:	A. Frequency B. Cycle C. Wavelength D. Amplitude
10	Shock absorbers in automobiles are one practical application of:	A. SHM B. Random motion C. Damped motion D. None of these
11	The oscillations of a system in the presence of _____ force are called damped oscillations:	A. Resistive force B. Attractive force C. Both of these D. None of these
12	The motion in which the friction reduces the mechanical energy of the system as time passes and the amplitude of motion reduces is called:	A. SHM B. Random motion C. Damped motion D. None of these