

Physics 10th Class English Medium Unit 2 Online Test

Sr	Questions	Answers Choice
1	If the intensity of faintest audible sound is I_0 and of another sound is I then sound level will be:	A. $K \log I_0/I$ B. $\log I_0/I \cdot 2K$ C. $K \log I_0/I^2$ D. $K \log I/I_0$
2	The difference between the loudness of faintest audible sound and loudness of another sound is called:	A. Pitch of sound B. Quality of sound C. Sound level D. Intensity of sound
3	The S.I unit of intensity of sound is:	A. W/m B. W/m^2 C. Wm^{-2} D. Wm^{-1}
4	High pitch means:	A. High wavelength B. High frequency C. High time period D. High energy
5	Pitch of sound depends upon:	A. Frequency B. Amplitude C. Intensity D. Time period
6	The character by which loud and faint sound can be distinguished is called:	A. Pitch B. Quality C. Loudness D. Intensity
7	The distance between two consecutive compressions or rarefactions in longitudinal waves is called:	A. Amplitude B. Wavelength C. Half wavelength D. $1/4$ wavelength
8	Sound waves are an example of:	A. Transverse waves B. Electromagnetic waves C. Longitudinal waves D. All of these