

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	In a convex mirror the size of the image:	A. Is smaller than the size of the object B. Is greater than the size of the object C. Depends upon the position of the object D. Is equal to the size of the object
2	The speed of sound in the air at one atmospheric pressure at room temperature is:	A. 343 ms ⁻¹ B. 346 ms ⁻¹ C. 349 ms ⁻¹ D. 339 ms ⁻¹
3	To hear echo, the distance between the observer and the obstacle is 17m then how much distance will the sound travel?	A. 60m B. 54m C. 17m D. 34m
4	After how much time the echo must be heard?	A. 0.1 s B. 0.10 s C. 0.20 s D. 0.50 s
5	Mathematical formula of sound level (in bel) is:	A. $S.L = 10 \log I/I_0$ (bel) B. $S.L = K \log I/I_0$ (bel) C. $S.L = \log I/I_0$ (bel) D. $S.L = 10 \log I/I_0$ (bel)
6	If the intensity of faintest audible sound is I_0 and of another sound is I then sound level will be:	A. $K \log I/I_0$ B. $\log I/I_0 \cdot 2K$ C. $K \log I/I_0 \cdot 12$ D. $K \log I/I_0$
7	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
8	The S.I unit of intensity of sound is:	A. Wm B. Wm ² C. Wm ⁻² D. Wm ⁻¹
9	High pitch means:	A. High wavelength B. High frequency C. High time period D. High energy
10	Pitch of sound depends upon:	A. Frequency B. Amplitude C. Intensity D. Time period
11	The character by which loud and faint sound can be distinguished is called:	A. Pitch B. Quality C. Loudness D. Intensity
12	The distance between two consecutive compressions or rarefactions in longitudinal waves is called:	A. Amplitude B. Wavelength C. Half wavelength D. 1/4 wavelength