Physics 10th Class English Medium Unit 2 Online Test

Sr	Questions	Answers Choice
1	The speed of sound was accurately measured in:	A. 1736 B. 1737 C. 1738 D. 1739
2	When frequency of sound wave is increased, which of the following decreases? i) Wavelength ii) Period iii) Amplitude	A. i only B. (iii) only C. i and ii only D. i and iii only
3	For normal person audible frequency range for sound wave lies between.	A. 10 Hz and 10KHz B. 20 Hz and 20KHz C. 25 Hz and 25KHz D. 30 Hz and 30KHz
4	The loudness of sound is most closely related to its:	A. Freqeucy B. Period C. Wavelength D. Amplitude
5	Astronauts is 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 speace C. Sound waves cannot travel in space D. Sound waves have low frequency in space
6	Which form of energy is sound?	A. Electrical B. Mechanical C. Thermal D. Chemical
7	How does sound travel from its source to your ear?	A. Byc changes in air pressure B. By vibration in wires or strings C. By electromagnetic waves D. By infrared waves
8	Which is an example of a longitudinal wave?	A. Sound wave B. Light wave C. Radio wave D. Water wave
9	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
10	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
11	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
12	Mathematical formula of sound level (in bel) is:	A. S.L = 10 log I/Io (bel) B. S.L = K log I/Io (bel) C. S.L = Log I/Io (bel) D. S.L = 10 log Io/I (bel)