

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The unit of intensity of sound:	A. Wm^{-1} B. Wm^{-2} C. Wm^2 D. Wm^{-2}
2	Bats can hear sound of frequency up to:	A. 100,000Hz B. 25000Hz C. 120,000Hz D. 1000Hz
3	The speed of sound in air at 21 °C is:	A. 336ms⁻¹ B. 343ms⁻¹ C. 430ms⁻¹ D. 470ms⁻¹
4	The speed of sound was accurately measured in:	A. 1736 B. 1737 C. 1738 D. 1739
5	When frequency of sound wave is increased, which of the following decreases: Wavelength Period Amplitude	A. (i) Only B. (iii) Only C. (i) And (ii) only D. (i) And (iii) only
6	For a normal person audible frequency range for sound wave lies between:	A. 10 Hz and 10kHz B. 20Hz and 20 kHz C. 25 Hz and 25 kHz D. 30Hz and 30 kHz
7	The loudness of a sound is most closely related to its:	A. Frequency B. Period C. Wavelength D. Amplitude
8	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 travel in space

		U. <p class= msonormal >Sound waves have low frequency in space<o:p></o:p></p>
9	Which form of energy is sound:	A. Electrical B. mechanical C. Thermal D. Chemical
10	How does sound travel from its source to your ear:	A. <p class="MsoNormal">By changes in air pressure<o:p></o:p></p> B. <p class="MsoNormal">By vibration in wires or strings<o:p></o:p></p> C. <p class="MsoNormal">By electromagnetic waves<o:p></o:p></p> D. <p class="MsoNormal">By infrared waves<o:p></o:p></p>
11	Which is an example of a longitudinal wave:	A. <p class="MsoNormal">Sound wave<o:p></o:p></p> B. <p class="MsoNormal">Light wave<o:p></o:p></p> C. <p class="MsoNormal">Radio wave<o:p></o:p></p> D. <p class="MsoNormal">Water wave<o:p></o:p></p>
12	The distance between two consecutive waves compressions or rarefactions is called:	A. <p class="MsoNormal">Focal length<o:p></o:p></p> B. <p class="MsoNormal">Wave length<o:p></o:p></p> C. <p class="MsoNormal">Frequency<o:p></o:p></p> D. <p class="MsoNormal">Time period<o:p></o:p></p>