

CHAPTER 13

SOUND

KEYWORDS

1. **AMPLITUDE:** The maximum displacement of the sound vibration is the measure of amplitude of vibration.
 2. **EARDRUM:** A thin and stretched membrane in inner ear is called eardrum.
 3. **FREQUENCY:** The number of oscillations or vibrations per second.
 4. **HERTZ:** The unit is used to express frequency.
 5. **LARYNX:** In human beings, the sound is produced by the larynx.
 6. **LOUDNESS:** The loudness of a sound relates the intensity of any given sound to the intensity at the threshold of hearing. It is measured in decibels.
 7. **NOISE:** The unpleasant sounds are called noise.
 8. **OSCILLATION :** One complete back and forth motion of an oscillating body about its mean position is called an oscillation.
 9. **PITCH :** It is characteristic of sound depending upon its frequency. Different frequencies produced different pitch of sound.
 10. **TIME PERIOD:** It is the duration of time for one oscillation to occur.
 11. **VIBRATION:** To and fro or back and forth motion of an object.
 12. **VOICE BOX:** Upper end of the wind pipe; below the hard part on the throat is called the voice box.
 13. **WIND PIPE:** It is the passage for the inlet and outlet of air in the lungs.
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