

Niscort Fr.Agnel School
Self –Learning worksheet
Physics-VIII
Chapter- Sound

Fill in the blanks:

1. Time taken by an object to complete one oscillation is called _____.
2. Loudness is determined by the _____ of vibration.
3. The unit of frequency is _____.
4. Unwanted sound is called _____.
5. Shrillness of a sound is determined by the _____.
6. The number of oscillation in one second is called _____.
7. The hearing range of human ear is _____.
8. Sound cannot travel in _____.
9. Sound can travel in _____.
10. The pitch of sound depends on _____.

Choose the correct answer:

1. Ear drum is a part of _____ [sound producing organ or hearing organ]
2. The voice box is also called _____ [Larynx / mouth]
3. Large amplitude of sound vibrations will produce _____ [Loud sound / slow sound]
4. Voice of which of following is likely to have minimum frequency _____ [Baby girl / A woman]
5. The unit of loudness is _____ (decibel / Hertz)

Answer the following:

1. Name the sound producing organ in human.
2. How does sound travel from one place to another?
3. How is sound produced?
4. What do you mean by musical sound?
5. How does the amplitude affect the loudness of vibration?
6. What is noise pollution?
7. What is outer part of ear is called?
8. What are the two main properties of a sound?
9. Which help us to recognize sound?
10. On which factors loudness of sound depend?
11. What is infrasonic vibration? What is their range in Hertz?