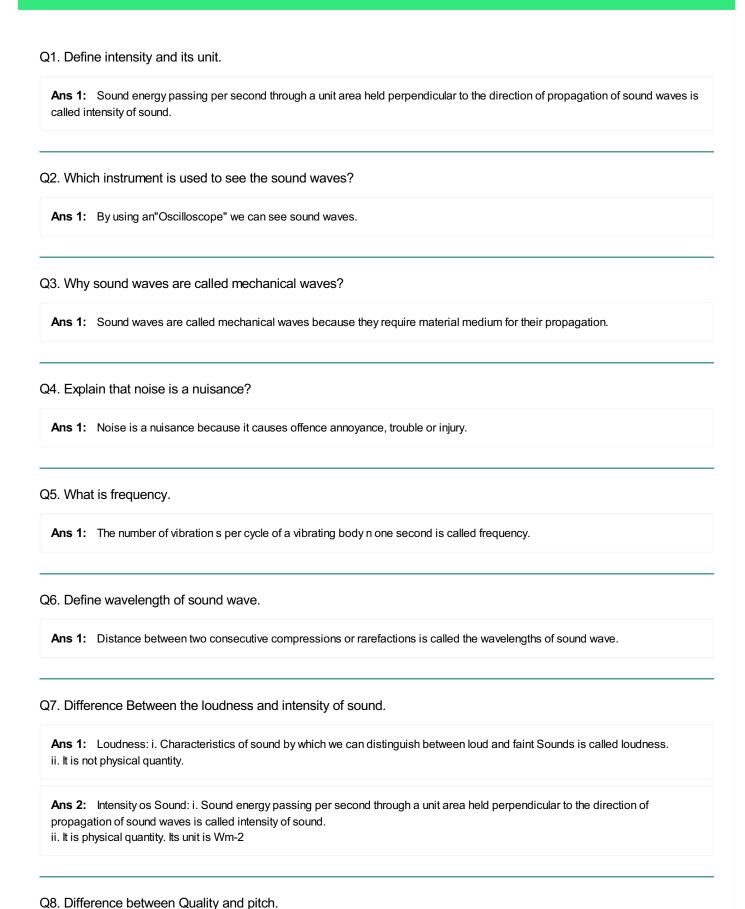


## Physics - 10th Class Physics English Medium Chapter 11 Preparation



- Ans 1: the property of sound by which we can distinguish between two sounds of same loudness and pitch is called quality.
- Ans 2: Pitch: The property of sound by which we can distinguish between shrill and gave sound is called pitch.
- Q9. What is musical sound?
  - Ans 1: Sounds which are pleasant to our ears are called musical sounds. e.g. sounds of guitar and violin.
- Q10. Define loudness? On what factors loudness depends.
  - **Ans 1:** "Loudness is the characteristics of sound by which loud and faint sounds cab be distinguished". Loudness depends upon a number of factors. Such as.
  - i. Amplitude of the vibrating body
  - ii. Araa of the vibrating body
  - iii. Distance from the vibrating body
  - iv. Physical condition of ear.