

VIDYA BHAWAN BALIKA VIDYAPEETH

STUDY MATERIAL SCIENCE

CLASS-VIII

Date : 09-03-2021

Teacher : Poonam Kumari

▸ SOUND

Exercise : NCERT

➤ In the following statements, tick 'T' against those which are true and 'F' against those which are false.

1. Sound cannot travel in a vacuum.
2. The number of oscillations per second of a vibrating object is called its time period.
3. If the amplitude of vibration is large, the sound is feeble.
4. For human ears, the audible range is 20 Hz to 20,000 Hz.
5. The lower the frequency of vibration, the higher is the pitch.

➤ Fill in the blanks with suitable words.

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. The shrillness of a sound is determined by the _____ of vibration.