

## Chapter- 7

### SOUND

#### WORKSHEET

Answer the questions: Each carries two marks

1. How does sound travel in air?
2. What is a longitudinal wave?
3. Define the following terms: Amplitude, Frequency
4. Obtain relationship between time period and frequency.
5. State three factors on which loudness of sound depends?

Fill in the blanks:

1. A tuning fork produces sound of \_\_\_\_\_ frequency.
2. If a drum is beaten hard, its loudness \_\_\_\_\_.
3. The time period of a wave 2s. Its frequency is \_\_\_\_\_.
4. Smaller the membrane, \_\_\_\_\_ is the pitch.
5. Sound cannot travel through \_\_\_\_\_.

Define the following terms:

1. Amplitude
2. Time period
3. Frequency.
4. Wavelength
5. Loudness.

