

Assignment

1.Speed of sound increases as it passes through :-

- a.solid < liquid > gas
- b.gas < liquid < solid
- c.liquid < gas < solid
- d.gas > liquid > solid

2. A tightly stretched membrane that separates outer ear from middle ear is

- a.Eartube
- b.Earpinna
- c.Eardrum
- d.Earfiller

3.Match the column :-

- a. Electric i) middle ear
- b. Sound ii) inner ear
- c. Eardrum iii) stimulus
- d. Pinna iv) guitar
- e. Cochlea v) outer ear

4. Identify the given diagram



5. How does a human being produces sound? Explain.

6.The sound from a mosquito is produced when it vibrates its wings at an average rate of 500 vibrations per seconds. What is the time period of the vibration ?

7.Lightning and thunder take place in the sky at the same time and at the same distance from us. Lightening is seen earlier and thunder is heard later. Can you explain why ?