

## SOUND

### MCQ:- (1X5)

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. The shape of outer ear resembles a :-

- a. funnel    b. kernel    c. tunnel    d. both a & b

3. A tightly stretched membrane that separates outer ear from middle ear is :-

- a. ear tube    b. ear pinna    c. ear drum    d. ear filler

4. The part of ear which converts sound energy into electric impulses for brain is :-

- a. outer ear    b. pinna    c. middle ear    d. inner ear

5. Two important properties of sound are:-

- a. shrillness & pitch      b. amplitude & frequency  
c. speed & time      c. low pitch & high pitch

### FILL UPS:-

total marks = 20

1. Time taken by an object to complete one oscillation is called \_\_\_\_\_.
2. Loudness is determined by the \_\_\_\_\_ of vibration.
3. The number of oscillation in one second is called \_\_\_\_\_.
4. The hearing range of human ear is \_\_\_\_\_
5. Sound cannot travel in \_\_\_\_\_.

**GIVE ONE WORD ANSWERS:- (1X5)**

1. Name the sound producing organ in human. -
2. outer part of ear is called ?-
3. Large amplitude of sound vibrations will produce?-
4. The unit of loudness is.-
- 5.the pitch of sound depends on?-

**SHORT ANSWERS:- (2X5)**

1. How does sound travel from one place to another ?
2. How is sound produced ?
3. What do you mean by musical sound ?
4. How does the amplitude affect the loudness of vibration?
5. What is noise pollution?