

Name: _____ Date: _____

Sound

Q1. Name the sound producing organ in humans.

Ans. _____

Q2. Name the organs of hearing in our body.

Ans. _____

Q3. Name that part of ear which vibrates when outside sound falls on it.

Ans. _____

Q4. Name the unit used to measure the loudness of sound.

Ans. _____

Q5. Name the quantity whose unit is 'hertz'.

Ans. _____

Q6. Does any part of the body vibrate when we speak? Name the part.

Ans. _____

Q7. On what factor does the pitch of a sound depend?

Ans. _____

Q8. What is the name of passage in outer ear which carries sound waves to the eardrum?

Ans. _____

Q9. Choose the correct answer: Sound can travel through

- (a) gases only (b) solids only
(c) liquids only (d) solids, liquids and gases.

Ans. _____

Sound

Q1. Name the sound producing organ in humans.

Ans. Voice box (larynx)

Q2. Name the organs of hearing in our body.

Ans. Our ears are the organs of hearing in our body.

Q3. Name that part of ear which vibrates when outside sound falls on it.

Ans. Eardrum vibrates when outside sound falls on it.

Q4. Name the unit used to measure the loudness of sound.

Ans. The loudness is expressed in a unit called decibel (dB).

Q5. Name the quantity whose unit is 'hertz'.

Ans. The unit of frequency is called "hertz".

Q6. Does any part of the body vibrate when we speak? Name the part.

Ans. Yes, vocal chords vibrate when we speak.

Q7. On what factor does the pitch of a sound depend?

Ans. The frequency determines the shrillness or pitch of a sound.

Q8. What is the name of passage in outer ear which carries sound waves to the eardrum?

Ans. The sound is carried through the Ear canal.

Q9. Choose the correct answer: Sound can travel through

- (a) gases only (b) solids only
(c) liquids only (d) solids, liquids and gases.

Ans. (d) solids, liquids and gases.