



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



**Sub: Physical Science**

**Class: 8**

**Date: 16.11.20**

**Duration: 40 min**

**Worksheet Solution 04**

**Full Marks: 15**

## SOUND

**Choose the Correct options:**

- Sound is a form of
  - Energy**
  - Matter
  - Noise
  - Pressurised waves
- the \_\_\_\_\_ the pitch, the faster the waves
  - Lower
  - Faster
  - Slower
  - Higher**
- What is the name for the highest point on the wave?
  - trough
  - wavelength
  - crest**
  - amplitude
- What word describes the distance between 2 crests or 2 troughs?
  - amplitude
  - energy
  - resting point
  - wavelength**
- What is the height of the wave called?
  - amplitude**
  - wavelength
  - crest
  - trough
- \_\_\_\_\_ is made when something vibrates
  - light
  - sound**
  - drum
  - pounding
- Sound travels through the air as waves.
  - True**
  - False
  - Inconclusive
  - I don't know
- Matter that carries sound waves is called a \_\_\_\_\_
  - low
  - high
  - medium**
  - surface

9. the number of vibrations per second
- vibration
  - volume
  - pitch
  - frequency**
10. How does sound travel?
- Sounds travels in waves**
  - sound travels slow
  - sound travels fast
  - sound doesn't travel
11. Why can't we hear sound in space?
- can't take our helmet off to hear
  - Space has no mass / no gas/ solids/ liquids**
  - because it's dark
  - Don't know, I've never been to space
12. Sound is caused by....
- molecules
  - vibrations**
  - people
  - space
13. What form of energy that is made by vibrations?
- electrical energy
  - sound energy**
  - chemical energy
  - heat energy
- 14 . It means to move quickly back and forth.
- wave
  - vibration**
  - sound
  - hear
15. It is the disturbance that transfers sound energy through matter.
- Sound Wave**
  - Bird Chirping
  - Tearing paper
  - Sound vibration