



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 16.11.20

Duration: 40 min

Worksheet 04

Full Marks: 15

SOUND

Choose the Correct options:

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