

## **SCIENCE GRADE 5**

**1. Sound is energy in the form of vibrations passing through matter.**

- A. true
- B. false

**2. A vibration is a \_\_\_\_\_ back-and-forth movement.**

- A. fast
- B. short
- C. long
- D. quick
- E. none of above

**3. A disturbance that moves sound energy through matter is called a**

- A. frequency
- B. wavelength
- C. sound wave
- D. vibration
- E. none of above

**4. The number of waves that pass a point in a certain amount of time is the \_\_\_\_\_ of a wave.**

- A. frequency
- B. wavelength
- C. sound wave
- D. vibration
- E. none of above

**5. The distance between a point on one wave and a similar point on the next wave is called the**

- A. frequency
- B. wavelength
- C. sound wave
- D. vibration
- E. none of above

**6. Sound is a disturbance that travels through a medium as a**

- A. frequency
- B. volume
- C. wave
- D. pitch
- E. none of above

**7. Can sound waves travel in a vacuum?**

- A. yes
- B. no

**8. Sound travels quickest through which medium?**

- A. solid
- B. liquid
- C. gas

**9. Sound waves travel to our ears and make what vibrate**

- A. brain
- B. earlobe
- C. ear drum

**10. Is there noise under water?**

- A. yes
- B. no

**11. Without constant light energy from the sun, the Earth would be a dead planet.**

- A. true
- B. false

**12. White light is made up of how many colours?**

- A. 1
- B. 3
- C. 4
- D. 6

**13. Light changes speed when it passes into a new medium. When this happens, the light bends. This bending is called refraction.**

- A. true
- B. false

**14. Objects cannot heat up if they absorb a lot of light.**

- A. true
- B. false

**15. Light rays travels in \_\_\_\_\_ lines, as long as nothing is in their way.**

- A. crooked
- B. bent
- C. straight

**16. The Newton Disc is**

- A. square
- B. round
- C. triangular

**17. The Newton Disc is divided into different**

- A. shapes
- B. colors
- C. none of the above

**18. The colors of the Newton Disc are red, orange, yellow, green, blue, and violet.**

- A. true
- B. false

**19. The Newton Disc experiment involves rotating the disc.**

- A. true
- B. false

**20. When the Newton Disc is rotated very fast**

- A. we can see all the colors
- B. we perceive the disk as white
- C. we get dizzy