

SCIENCE REVIEW IN FORMS OF ENERGY

Choose the correct answer.

1. Energy that makes object move.

- a. energy in motion b. work

2. The amount of electricity in matter.

- a. electric charge b. electric current

3. The part of an atom that has positive electric charge.

- a. proton b. nucleus

4. The part of an atom that has negative electric charge.

- a. neutron b. electron

5. It is produced when electron flows smoothly in a path.

- a. electric current b. electric charge

6. The path where electric current flows.

- a. steel b. circuit

7. Any object that attracts steels and iron.

- a. magnet b. friction

8. The force surrounding a magnet.

- a. electromagnet b. magnetism

9. Magnetism is strongest at the end parts of a magnet called --
- a. poles b. center
10. It is a coil of wire that becomes magnetic when electricity flows through it.
- a. electromagnet b. magnetism
11. Light travels in a straight line called ____.
- a. shine b. rays
12. A natural source of heat and light.
- a. sun b. flashlight
13. When light is absorbed, it transform into ____.
- a. heat b. energy
14. A material that does not allow light to pass through.
- a. transparent b. translucent c. opaque
15. A material that allows much light to pass through.
- a. transparent b. translucent c. opaque
16. A material that allows a small light to pass through.
- a. transparent b. translucent c. opaque

17. Measuring how fast particles of matter move means measuring its ____.

a. hotness

b. coldness

c. temperature

18. A transparent object specially shaped to control light is a ____.

a. glass

b. prism

c. shape

19. When light rays pass on two different objects along the same direction, it can be ____.

a. shadow

b. reflected

c. refracted

20. Light that bounces off material.

a. shadow

b. reflected

c. refracted

21. a reflected sound

a. waves

b. echo

c. rays

22. The loudness and softness of sound

a. volume

b. sound

c. pitch

23. the highness and lowness of sound

a. sound

b. pitch

c. volume

24. It is produced by fast vibration.

a. high pitch

b. low pitch

25. It is produced by slow vibration

- a. high pitch b. low pitch

26. It is people's ability to produced sound

- a. sign language b. talking c. hearing

27. People who cannot hear use this form of communication

- a. sign language b. hearing c. talking

28. It is using an echo to find something.

- a. vibration b. echolocation c. wave

29. Energy produced by a vibrating object.

- a. sound b. light c. heat

30. How sound travels?

- a. vibration b. wave c. echo