

ELECTRICITY AND MAGNETISM

Answer the following questions

1. What is electricity?

A. A type of food B. A form of energy C. A kind of plant D. A metal

2. Which of the following is a source of electricity?

A. Stone B. Battery C. Sand D. Wood

3. A path through which electricity flows is called a:

A. Wire B. Circuit C. Switch D. Magnet

4. Which part of a circuit provides energy?

A. Bulb B. Wire C. Battery D. Switch

5. When a circuit is complete, it is called a:

A. Open circuit B. Closed circuit C. Broken circuit D. Short circuit

6. Which of these materials is a conductor?

A. Plastic B. Rubber C. Copper D. Wood

7. Which of these is an insulator?

A. Iron B. Aluminum C. Plastic D. Copper

8. Static electricity is electricity that:

A. Flows in wires B. Moves fast C. Stays in one place D. Produces light

9. Which device is used to turn a circuit ON or OFF?

A. Battery B. Bulb C. Switch D. Wire

10. Which of the following uses electricity?

A. Chair B. Table C. Fan D. Spoon

11. A magnet attracts:

A. Plastic B. Wood C. Iron D. Paper

12. How many poles does a magnet have?

A. One B. Two C. Three D. Four

13. The ends of a magnet are called:

A. Points B. Edges C. Poles D. Tips

14. Like poles of a magnet:

A. Attract B. Repel C. Stick D. Break

15. Unlike poles:

A. Repel B. Attract C. Break D. Move away

16. Which of these is a type of magnet?

A. Bar magnet B. Glass magnet C. Paper magnet D. Water magnet

17. A magnet is used in a:

A. Book B. Compass C. Plate D. Cup

18. Electricity can produce:

A. Light only B. Heat only C. Magnetism D. Sound only

19. A magnet made using electricity is called:

A. Natural magnet B. Permanent magnet C. Electromagnet D. Strong magnet

20. Which of these is used in an electromagnet?

A. Wood B. Plastic C. Iron nail D. Paper

Fill in the Gaps

21. Electricity is a form of _____.
22. A complete path through which electricity flows is called a _____.
23. A _____ supplies energy in a circuit.
24. Materials that allow electricity to pass through them are called _____.
25. Materials that do not allow electricity to pass are called _____.
26. A circuit that allows electricity to flow is called a _____ circuit.
27. A device used to open and close a circuit is called a _____.
28. A magnet has two _____ called North and South.
29. Like poles _____ each other.
30. A magnet made using electricity is called an _____.