

3RD QUARTER ASSESSMENT IN SCIENCE 5

DIRECTION: Write the letter of the correct answer in CAPITAL on the line before each number.

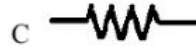
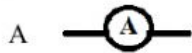
_____ 1. Which part of the circuit is the source of electricity?

- A. switch B. bulb C. path or wire D. battery

_____ 2. How would you describe an electric circuit?

- A. It results when bare wires touch each other and a new path is created.
B. It has a broken path where electrons cannot flow.
C. It is a continuous path over which electrons can flow.
D. It is a circuit that is open and electrons cannot flow.

_____ 3. Which of the following symbols represents a bulb?



_____ 4. What happens when a part of an electromagnet is disconnected?

- A. It loses its magnetism
B. Electricity continues to flow through it
C. The electromagnet becomes a permanent magnet
D. There is an increase in the number of materials attracted

_____ 5. How does an electromagnet work?

- A. When an insulated wire is wrapped around an iron rod, the rod becomes magnetized.
B. When electric current flows through the wire wrapped around an iron core
C. An electromagnet behaves like magnet only when the wire is wrapped around an iron core.
D. An electromagnet maintains its magnetic properties even without the source of electricity.

_____ 6. What happens when part of an electromagnet is disconnected?

- A. It loses its magnetism.
B. Electricity continues to flow through it.
C. The electromagnet becomes a permanent magnet.
D. There is an increase in the number of materials attracted.

_____ 7. In an electromagnet, which of the following serves as the conductor of electricity?

- A. battery B. coil of wire C. core D. both A and B

_____ 8. The following are the materials that compose an electromagnet **EXCEPT**?

- A. wires B. firewood C. batteries D. iron nail

_____ 9. Which of the following devices makes use of electromagnet?

- A. Electric bell
B. Electric buzzer
C. telephone
D. all of the given options

_____ 10. How can an electromagnet be made stronger?

- A. Decrease the number of coils.
B. Increase the voltage.
C. Replace the iron core.
D. Decrease the voltage.