

Name: _____ Date: _____

1. Which of the following is NOT a property of insulators?
 - A. They hold their electrons very tightly.
 - B. Electrons move through them easily.
 - C. They have more than four electrons in their atom's outer orbit.
 - D. They are used to cover copper wires in alternators and starters.

2. What is the charge of an electron?
 - A. Positive
 - B. Negative
 - C. Neutral
 - D. Variable

3. Which of the following is a use of semiconductors?
 - A. In magnets
 - B. In transistors
 - C. In insulating materials
 - D. In conductive metals

4. What is the charge of a proton?
 - A. Positive
 - B. Negative
 - C. Neutral
 - D. Variable

5. What happens when an atom gains more electrons than protons?
 - A. It becomes neutral.
 - B. It becomes positively charged.
 - C. It becomes negatively charged.
 - D. It remains unchanged.

6. What type of device uses thermoelectricity?
 - A. Light bulb
 - B. Thermocouple
 - C. Battery
 - D. Resistor

7. Which of the following is NOT a property of conductors?
 - A. They have one to three electrons in their outer orbit.
 - B. Electrons move through them easily.
 - C. They hold their electrons very tightly.
 - D. They are good at conducting electricity.

8. What is the charge of an ion that has more protons than electrons?

- A. Positive
- B. Negative
- C. Neutral
- D. Variable

9. Which of the following materials is NOT a conductor?

- A. Aluminum
- B. Copper
- C. Silver
- D. Rubber

10. What is the charge of an ion that has more electrons than protons?

- A. Positive
- B. Negative
- C. Neutral
- D. Variable

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Chapter 36

Multiple Choice Quiz B

Answer Key

1. B

2. B

3. B

4. A

5. C

6. B

7. C

8. A

9. D

10. B