

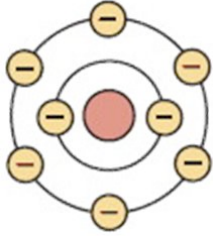
Name \_\_\_\_\_

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

- 1) Creating electricity by exerting force on a crystal is called \_\_\_\_\_. 1) \_\_\_\_\_
  - A) electrochemistry
  - B) piezoelectricity
  - C) thermoelectricity
  - D) photoelectricity
  
- 2) The automotive battery is based on the principle of \_\_\_\_\_. 2) \_\_\_\_\_
  - A) electrochemistry
  - B) photoelectricity
  - C) piezoelectric energy
  - D) none of these
  
- 3) An electrical conductor is an element with \_\_\_\_\_ electrons in its outer orbit. 3) \_\_\_\_\_
  - A) less than 2
  - B) less than 4
  - C) exactly 4
  - D) more than 4
  
- 4) A positively charged atom is called a(n) \_\_\_\_\_. 4) \_\_\_\_\_
  - A) ion
  - B) neutron
  - C) quark
  - D) None of these
  
- 5) Most carbon resistors indicate their electrical resistance by \_\_\_\_\_. 5) \_\_\_\_\_
  - A) color coded markings
  - B) shape
  - C) printed numbers indicating resistance in ohms
  - D) none of these
  
- 6) Which of these elements has the least resistance? 6) \_\_\_\_\_
  - A) Silver
  - B) Gold
  - C) Copper
  - D) None of these

7) What type of material is indicated by this atomic structure?

7) \_\_\_\_\_



- A) Insulator
- B) Conductor
- C) Semi-conductor
- D) Coaxial

8) A rheostat usually has how many wires?

8) \_\_\_\_\_

- A) Two
- B) Three
- C) Four
- D) None of these

9) What term describes the movement of electrons from one atom to another?

9) \_\_\_\_\_

- A) Electricity
- B) Energy transfer
- C) Chain reaction
- D) None of these

10) The outer electron shell is known as a(n) \_\_\_\_\_.

10) \_\_\_\_\_

- A) valence ring
- B) distant ring
- C) unstable shell
- D) None of these

## Answer Key

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1) B

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2) A

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3) B

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4) A

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5) A

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6) A

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7) A

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8) A

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9) A

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10) A

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