

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

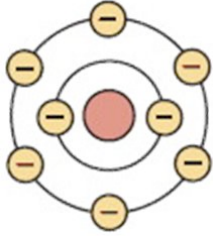
- 4) A positively charged atom is called a(n) _____. 4) _____
A) ion
B) neutron
C) quark
D) None of these

- 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

Testname: AT6_39A

1) B

Page Ref: 459

2) A

Page Ref: 459

3) B

Page Ref: 455

4) A

Page Ref: 455

5) A

Page Ref: 460

6) A

Page Ref: 459

7) A

Page Ref: 456

8) A

Page Ref: 460

9) A

Page Ref: 454

10) A

Page Ref: 455