

Name _____

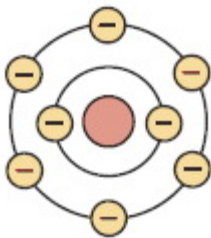
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) It is relatively easy to move an electron from the valence ring of a conductor. 1) _____
A) True
B) False

2) Carbon and silicon are examples of _____. 2) _____
A) Semiconductors
B) Insulators
C) Conductors
D) Photoelectric materials

3) Insulators lose electrons in their outer shell easier than conductors. 3) _____
A) True
B) False

4) What type of material is indicated by this atomic structure? 4) _____



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

5) The outer electron shell is known as a(an) _____. 5) _____
A) Valence ring
B) Distant ring
C) Unstable shell
D) None of these

6) The _____ is a unit of electrical pressure. 6) _____
A) Coulomb
B) Volt
C) Ampere
D) Ohm

- 7) Like charges _____ 7) _____
A) Attract
B) Repel
C) Neutralize each other
D) Add
- 8) Technician A says that resistance increases as the diameter of a conductor increases. Technician B says that resistance increases as the temperature of a conductor increases. Which technician is correct? 8) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 9) As the length of a wire is increased, _____. 9) _____
A) The resistance of the wire decreases
B) The resistance of the wire increases
C) The resistance of the wire remains the same
D) The voltage of the wire decreases
- 10) Which of these is also known as electrical potential? 10) _____
A) Volts
B) Amps
C) Ohms
D) None of these

Answer Key

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- 1) A
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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) B
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- 7) B
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- 8) B
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- 9) B
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- 10) A
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