

Name _____

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

- 1) A vehicle has some wiring covered with orange conduit. This indicates a _____ circuit. 1) _____
 - A) 42 volt
 - B) 12 to 16 volt
 - C) variable voltage
 - D) high voltage

- 2) Which of these is the recommended gauge wire for automotive speakers? 2) _____
 - A) 20 ga.
 - B) 0 ga.
 - C) 00 ga.
 - D) 10 ga.

- 3) Which metal is the best conductor of electricity? 3) _____
 - A) Silver
 - B) Copper
 - C) Brass
 - D) Gold

- 4) A 10 amp fuse is normally what color? 4) _____
 - A) Red
 - B) Blue
 - C) Yellow
 - D) Green

- 5) Technician A says that copper jumper cables are better than aluminum jumper cables. Technician B says that aluminum jumper cables are better than copper jumper cables. Which technician is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 6) A PTC circuit protector prevents excessive current flow in a circuit by _____. 6) _____
 - A) changing to a very high resistance
 - B) burning open
 - C) opening a set of contacts
 - D) grounding the current

- 7) Most automotive circuits, except for some ignition components, use _____ wire. 7) _____
 - A) primary
 - B) secondary
 - C) alternative
 - D) none of these

8) The skin effect involves _____ current flowing around the outside of a circuit. 8) _____
A) DC
B) AC
C) equal
D) none of these

9) Solder that has been properly applied will have a _____ appearance. 9) _____
A) dull brown
B) white
C) shiny
D) spotted

10) Six volt systems require _____ wires than 12 volt systems. 10) _____
A) larger
B) smaller
C) equal
D) reduced