

Name _____

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

- 1) On a wiring diagram, S110 with a ".8 BRN/BLK" means _____. 1) _____
A) Circuit # .8 spliced under the hood
B) A connector with 0.8 square millimeter wire
C) A splice of a brown with black stripe, wire size being 0.8 square millimeters (18 gauge AWG)
D) Both A and B
- 2) A box drawn with a solid line in a wiring diagram indicates _____. 2) _____
A) A complete component
B) A portion of a component
C) A resistor
D) A transistor
- 3) A first step in using the wiring diagram to troubleshoot a non-functioning blower motor is to _____. 3) _____
A) Locate the blower motor on the schematic
B) Find the AC compressor clutch
C) Locate the blower motor housing
D) None of these
- 4) Technician A says that there is often more than one circuit being protected by each fuse. Technician B says that more than one circuit often shares a single ground connector. Which technician is correct? 4) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 5) Technician A says that a good relay should measure between 60 and 100 ohms across the coil terminals. Technician B says that OL should be displayed on an ohmmeter when touching terminals 30 and 87. Which technician is correct? 5) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 6) A headlight bulb does not light up when turned on. Back probing the connector shows voltage on both wires of the bulb. This indicates _____. 6) _____
A) A dead battery
B) A blown fuse
C) A bad ground
D) A bad bulb

- 7) Which relay terminal is the normally closed (NC) terminal? 7) _____
A) 30
B) 85
C) 87
D) 87a
- 8) When testing a relay using an ohmmeter, which two terminals should be touched to measure the coil resistance? 8) _____
A) 87 and 30
B) 86 and 85
C) 87a and 87
D) 86 and 87
- 9) A short circuit is easily found by substituting a larger fuse. 9) _____
A) True
B) False
- 10) Which of the following describes a drawing or chart of an electrical circuit using lines and symbols to represent circuit path and components? 10) _____
A) Diagram
B) Schematic
C) Both A and B
D) Neither A nor B

Answer Key

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1) C

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2) A

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3) A

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4) C

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5) C

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6) C

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7) D

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8) B

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9) B

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10) C

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