

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. On a wiring diagram, what does S110 with a "0.8 BRN/BLK" typically represent?
  - A. Circuit #.8, spliced under the hood
  - B. A connector with 0.8 mm<sup>2</sup> wire
  - C. A splice of a brown with black stripe, wire size being 0.8 mm<sup>2</sup> (18-gauge AWG)
  - D. Both a and b
  
2. Where would you typically find connector C250?
  - A. Under the hood
  - B. Under the dash
  - C. In the passenger compartment
  - D. In the trunk
  
3. How are all switches illustrated in schematics typically shown?
  - A. In their normal position
  - B. Always in their on position
  - C. Always in their off position
  - D. In their on position except for lighting switches
  
4. When testing a relay using an ohmmeter, which two terminals should be touched to measure the coil resistance?
  - A. 87 and 30
  - B. 86 and 85
  - C. 87a and 87
  - D. 86 and 87
  
5. Which relay terminal is the normally closed (N.C.) terminal?
  - A. 30
  - B. 85
  - C. 87
  - D. 87a
  
6. What do the circuit numbers shown on schematics usually mean?
  - A. They represent the voltage of the circuit.
  - B. They indicate the wire color.
  - C. They signify the circuit's resistance.
  - D. They are used for reference purposes.
  
7. What is the primary function of an ISO relay's terminal numbers?
  - A. To indicate wire color
  - B. To show the voltage of the relay
  - C. To represent the relay's connections and functions
  - D. To display the relay's resistance

8. How can a tone generator be utilized?

- A. To measure voltage
- B. To locate a short circuit
- C. To test a relay's resistance
- D. To indicate wire color

9. What differentiates a relay from a solenoid?

- A. A relay is used for high voltage circuits, while a solenoid is for low voltage.
- B. A relay controls power distribution, while a solenoid acts as a switch.
- C. A relay is a mechanical device, while a solenoid is electronic.
- D. A relay is larger in size compared to a solenoid.

10. What are the two essential things a device needs to work?

- A. Power and a ground
- B. A switch and a fuse
- C. A ground and fusible link
- D. A relay to transfer the current to the device

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Chapter 42

Multiple Choice Quiz A

Answer Key

1. C

2. B

3. A

4. B

5. D

6. D

7. C

8. B

9. B

10. A