

Name \_\_\_\_\_

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

1) This symbol in a wiring diagram indicates \_\_\_\_\_. 1) \_\_\_\_\_



- A) a connector
- B) a fuse
- C) both A and B
- D) neither A nor B

2) A box drawn with dashed lines in a wiring diagram indicates \_\_\_\_\_. 2) \_\_\_\_\_

- A) a portion of a component
- B) a complete component
- C) a complete circuit
- D) none of these

3) Two technicians are discussing finding a short to ground using a test light. Technician A says that the test light, connected in place of the fuse, will light when the circuit that has the short is disconnected. Technician B says that the test light should be connected to the positive (+) and negative (-) terminals of a battery during this test. Which technician is correct? 3) \_\_\_\_\_

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

4) All switches illustrated in schematics are \_\_\_\_\_. 4) \_\_\_\_\_

- A) shown in their normal position
- B) always shown in the on position
- C) always shown in the off position
- D) shown in their on position except for lighting switches

5) When testing a relay between terminals 30 and 87a, with the relay turned off, there should be \_\_\_\_\_ resistance. 5) \_\_\_\_\_

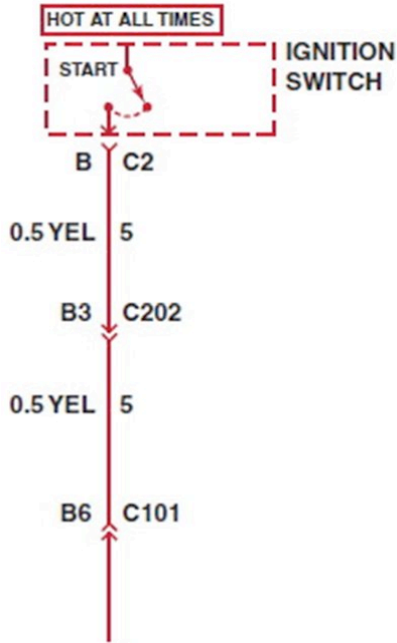
- A) low
- B) infinite
- C) high
- D) between 60 and 100 ohms

6) The positive side of a circuit usually uses what type of a connector, according to the text? 6) \_\_\_\_\_

- A) Female
- B) Male
- C) Both A and B
- D) Neither A nor B

7) In this diagram the notation "C202" indicates \_\_\_\_\_.

7) \_\_\_\_\_



- A) connector # 202
- B) color # 202
- C) current, 202 amps
- D) cable # 202

8) 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?

8) \_\_\_\_\_

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

9) A loose or broken ground wire can cause more than one component to malfunction.

9) \_\_\_\_\_

- A) True
- B) False

10) In a schematic, a wire is labeled "0.8 BLK/WHT." This wire is \_\_\_\_\_.

10) \_\_\_\_\_

- A) 0.8 mm diameter
- B) white with a black stripe
- C) both A and B
- D) neither A nor B