

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

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

1. How is a short circuit typically located?

- A. Using a test light
- B. With a gauss gauge
- C. Through a tone generator
- D. Any of the above

2. What does the symbol with a grid-like pattern typically represent in electrical diagrams?

- A. A battery
- B. A resistor
- C. An electrically heated element
- D. A capacitor

3. In a typical connector, which terminal is usually a female connector?

- A. Negative terminal
- B. Positive terminal
- C. Ground terminal
- D. Power terminal

4. What does the ground symbol with a curved line represent?

- A. Earth ground
- B. Chassis ground
- C. Negative terminal
- D. Positive terminal

5. What is the primary purpose of an electrical connector in a circuit?

- A. To provide voltage
- B. To act as a resistor
- C. To keep the terminals together mechanically
- D. To act as a switch

6. What does the abbreviation "PPL" typically stand for in wiring schematics?

- A. Pink
- B. Purple
- C. Platinum
- D. Platinum-Plated

7. In a wiring diagram, what does "0.8 PPL" typically indicate?

- A. A purple wire with 0.8 volts
- B. A purple wire with 0.8 mm<sup>2</sup> size
- C. A wire with 0.8 resistors
- D. A wire with 0.8 fuses

8. What does a dashed outline in a schematic symbol typically represent?

- A. A portion (part) of a component
- B. A complete component
- C. A malfunctioning component
- D. A high-voltage component

9. What is the primary function of a "Wiggle Test" in electrical troubleshooting?

- A. To measure voltage
- B. To test wire resistance
- C. To identify intermittent electrical problems
- D. To check the functionality of switches

10. In electrical schematics, what does a solid box typically represent?

- A. A portion of a component
- B. An entire component
- C. A malfunctioning component
- D. A high-resistance component

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Chapter 42

Multiple Choice Quiz B

Answer Key

1. D

2. C

3. B

4. A

5. C

6. B

7. B

8. A

9. C

10. B