

Name: _____

Date: _____

1. What does the prefix "mega" (M) represent?

- A. 1,000
- B. 1,000,000
- C. 1/1,000
- D. 1/1,000,000

2. What does a reading of "OL" on a meter typically indicate when measuring ohms?

- A. Overload or out of range
- B. Zero resistance
- C. Maximum resistance
- D. Short circuit

3. What does a 25% duty cycle indicate?

- A. A device is commanded on all of the time.
- B. A device is commanded off all of the time.
- C. A device is commanded on half of the time.
- D. A device is commanded on just 25% of the time.

4. What voltage does a meter display when testing LEDs?

- A. 0.4 to 0.7 volt
- B. 1.5 to 2.3 volts
- C. 3 volts
- D. 5 volts

5. What is frequency used to measure when checking a wheel speed sensor?

- A. Voltage
- B. Resistance
- C. Current
- D. Number of times per second a signal changes

6. If a digital meter face shows 0.93 when set to read k Ω , what does the reading mean?

- A. 93 ohms
- B. 930 ohms
- C. 9,300 ohms
- D. 93,000 ohms

7. If a reading of 432 shows on the face of the meter set to the millivolt scale, what does the reading mean?

- A. 0.432 volt
- B. 4.32 volts
- C. 43.2 volts
- D. 4,320 volts

8. What voltage does a meter display when testing silicon diodes?

- A. 0.4 to 0.7 volt
- B. 1.5 to 2.3 volts
- C. 3 volts
- D. 5 volts

9. What does a 3 1/2-digit meter display up to in terms of counts of resolution?

- A. 1,999 counts
- B. 19,000 counts
- C. 3,200 counts
- D. 4,000 counts

10. What does "Infinity" mean on an ohmmeter?

- A. Zero resistance
- B. Maximum resistance
- C. No connection or open circuit
- D. Short circuit

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Chapter 39

Multiple Choice Quiz B

Answer Key

1. B

2. A

3. D

4. B

5. D

6. B

7. B

8. A

9. A

10. C