

Name \_\_\_\_\_

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

- 1) A meter used to measure amperes is called a(an) \_\_\_\_\_. 1) \_\_\_\_\_  
A) Amp meter  
B) Ammeter  
C) Ammeter  
D) Coulomb meter
  
- 2) Which of these is safe for use in circuits with electronic components? 2) \_\_\_\_\_  
A) LED test light  
B) Continuity tester  
C) Either A or B  
D) Neither A nor B
  
- 3) When interpreting meter readings in autoranging mode, \_\_\_\_\_. 3) \_\_\_\_\_  
A) Note the prefix indicated by the meter  
B) Convert the reading prefix to base units if needed  
C) Both A and B  
D) Neither A nor B
  
- 4) What could happen if the meter leads were connected to the positive and negative terminals of the battery while the meter and leads were set to read amperes? 4) \_\_\_\_\_  
A) Could blow an internal fuse or damage the meter  
B) Would read volts instead of amperes  
C) Would display OL  
D) Would display 0.00
  
- 5) A fused jumper wire can be used to power or ground a circuit during testing. 5) \_\_\_\_\_  
A) True  
B) False
  
- 6) A 2-foot-long spark plug wire is being measured for resistance. The meter reads 38.47 k $\Omega$ . Is the wire resistance within specification? 6) \_\_\_\_\_  
A) Yes  
B) No  
C) Remeasure with the meter set on volts  
D) Not enough information
  
- 7) A high-impedance meter \_\_\_\_\_. 7) \_\_\_\_\_  
A) Measures a high amount of current flow  
B) Measures a high amount of resistance  
C) Can measure a high voltage  
D) Has a high internal resistance

8) Which type of DMM can measure current when clamped around a conductor?

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

- A) Inductive
- B) Selective
- C) Reluctive
- D) None of these

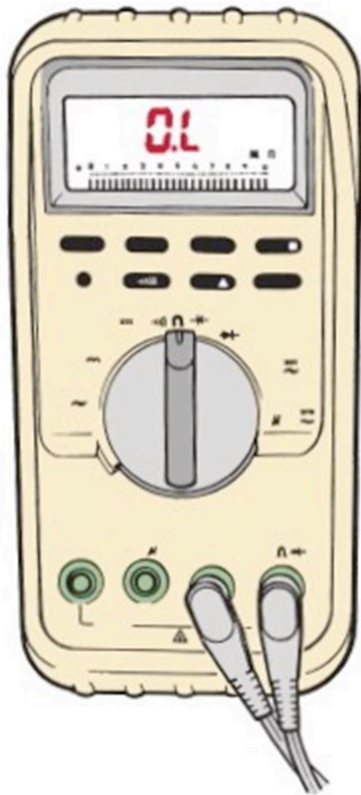
9) Which device may be useful for testing hall effect sensors?

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

- A) Logic probe
- B) Test light
- C) Either A or B
- D) Neither A nor B

10) This DMM is set to read ohms. The reading shown means \_\_\_\_\_.

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



- A) An open circuit
- B) Zero resistance
- C) A faulty meter display
- D) Insufficient information

## Answer Key

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1) C

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2) A

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3) C

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4) A

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5) A

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6) B

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7) D

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8) A

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9) A

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10) A

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