

Name \_\_\_\_\_

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

- 1) A meter set to read ohms and connected to light bulb terminals reads "OL". This reading means 1) \_\_\_\_\_  
the bulb is \_\_\_\_\_.  
A) Bad  
B) Is reading what it should (good)  
C) Bulb filament is electrically open  
D) Both A and C
  
- 2) A meter is set to read DC volts on the 4-volt scale. The meter leads are connected at a 12-volt 2) \_\_\_\_\_  
battery. The display will read \_\_\_\_\_.  
A) 0.00  
B) OL  
C) 12 V  
D) 0.012 V
  
- 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) A reading of 432 shows on the face of the meter set to the millivolt scale. The reading means 4) \_\_\_\_\_  
\_\_\_\_\_.  
A) 0.432 volt  
B) 4.32 volts  
C) 43.2 volts  
D) 4,320 volts
  
- 5) When using a DMM, the black lead usually goes in which meter terminal? 5) \_\_\_\_\_  
A) COM  
B) 10A  
C) VDC  
D) None of these
  
- 6) If a digital meter face shows 0.93 when set to k ohms, the reading means \_\_\_\_\_ 6) \_\_\_\_\_  
A) 93 ohms  
B) 930 ohms  
C) 9300 ohms  
D) 93000 ohms
  
- 7) To prevent blowing the meter or fuse in a DMM \_\_\_\_\_ 7) \_\_\_\_\_  
A) Install a fuse in line with the meter lead  
B) Never test resistance of an energized circuit  
C) Both A and B  
D) Neither A nor B

8) kHz is a unit describing what property? 8) \_\_\_\_\_  
A) Frequency  
B) Continuity  
C) Diode bias  
D) None of these

9) Inductive ammeters work because of what principle? 9) \_\_\_\_\_  
A) Magic  
B) Electrostatic electricity  
C) A magnetic field surrounds any wire carrying a current  
D) Voltage drops as it flows through a conductor

10) The highest amount of resistance that can be read by the meter set to the 2k ohm scale is \_\_\_\_\_. 10) \_\_\_\_\_  
A) 2,000 ohms  
B) 200 ohms  
C) 200k ohms  
D) 20,000,000 ohms

## Answer Key

Testname: INTRO\_22A

1) D

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2) B

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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) C

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8) A

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9) C

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10) A

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