

Name _____

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

- 1) A reading of 432 shows on the face of the meter set to the millivolt scale. The reading means _____ 1) _____
_____.
A) 0.432 volt
B) 4.32 volts
C) 43.2 volts
D) 4320 volts

- 2) With which signal pattern is the RMS reading the same as the average reading? 2) _____
A) Sine wave
B) Square wave
C) Nonsymmetric
D) None of these

- 3) Which device may be useful for testing hall effect sensors? 3) _____
A) Logic probe
B) Low power test light
C) Both A and B
D) Neither A nor B

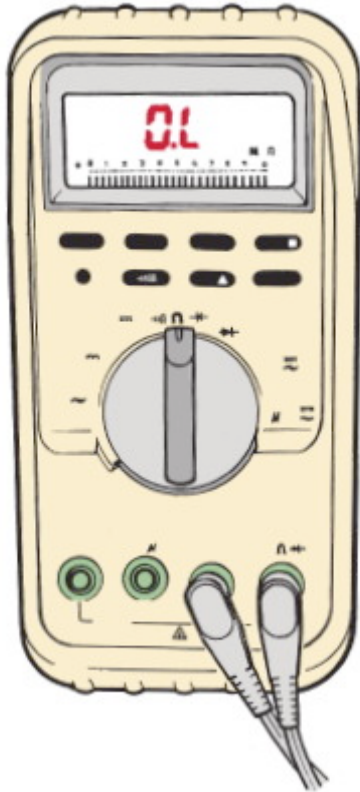
- 4) Ammeters should be connected _____ with the circuit being tested. 4) _____
A) In series
B) In parallel
C) Across a load
D) None of these

- 5) When interpreting meter readings in autoranging mode _____ 5) _____
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

- 6) Which term is used to describe the resolution of a meter? 6) _____
A) Counts
B) Digits
C) Both A and B
D) Neither A nor B

7) This DMM is set to read ohms. The reading shown means _____.

7) _____



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

8) A high-impedance meter _____.

8) _____

- 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

9) A meter is set to read DC volts on the 4-volt scale. The meter leads are connected at a 12-volt battery. The display will read _____.

9) _____

- A) 0.00
- B) OL
- C) 12V
- D) 0.012V

10) The highest amount of resistance that can be read by the meter set to the 2k ohm scale is _____.

10) _____

- A) 2000 ohms
- B) 200 ohms
- C) 200k ohms
- D) 20000000 ohms

Answer Key

Testname: AAEE_4A

1) A

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2) A

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3) A

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4) A

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5) C

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6) C

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7) A

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8) D

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9) B

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10) A

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