

Name _____

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

- 1) The ability to measure AC current is useful when diagnosing _____. 1) _____
A) Alternator function
B) Starter motor operation
C) Resistance in a battery cable
D) None of these

- 2) When working on a hybrid vehicle, which type of meter is recommended? 2) _____
A) CAT I or CAT II
B) CAT II or CAT III
C) CAT III or CAT IV
D) Any of these is OK

- 3) A reading of 432 shows on the face of the meter set to the millivolt scale. The reading means _____ 3) _____
A) 0.432 volt
B) 4.32 volts
C) 43.2 volts
D) 4320 volts

- 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) An ohmmeter should be connected to the circuit or component being tested _____. 5) _____
A) In series
B) In parallel
C) Only when no power is flowing (electrically open circuit)
D) Both A and C

- 6) 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? 6) _____
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

- 7) A voltmeter should be connected to the circuit being tested _____. 7) _____
A) In series
B) In parallel
C) Only when no power is flowing
D) Both A and C

- 8) Digital meters for automotive testing should include _____. 8) _____
- A) Diode test
 - B) DC amps up to at least 10A
 - C) Both A and B
 - D) Neither A nor B
- 9) If a digital meter face shows 0.93 when set to $k\Omega$, the reading means _____. 9) _____
- A) 93 ohms
 - B) 930 ohms
 - C) 9300 ohms
 - D) 93000 ohms
- 10) The highest amount of resistance that can be read by the meter set to the $2\ k\Omega$ scale is _____. 10) _____
- A) 2000 ohms
 - B) 200 ohms
 - C) 200 $k\Omega$ (200,000 ohms)
 - D) 20,000,000 ohms

Answer Key

Testname: AEE6_9B

1) A

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2) C

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3) A

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4) A

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5) D

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6) A

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7) B

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8) C

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9) B

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10) A

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