

Name _____

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

- 1) When measuring resistance, a reading of OL on the DMM indicates _____. 1) _____
 - A) an open circuit
 - B) continuity of the circuit
 - C) a defective meter probe
 - D) None of these

- 2) Inductive ammeters work because of what principle? 2) _____
 - A) Magic
 - B) Electrostatic electricity
 - C) A magnetic field surrounds any wire carrying a current
 - D) A voltage drop as it flows through a conductor

- 3) With which signal pattern is the RMS reading the same as the average reading? 3) _____
 - A) Sine wave
 - B) Square wave
 - C) Nonsymmetric
 - D) None of these

- 4) kHz is a unit describing what property? 4) _____
 - A) Frequency
 - B) Continuity
 - C) Diode bias
 - D) None of these

- 5) Which of these is safe for use in circuits with electronic components? 5) _____
 - A) LED test light
 - B) Continuity tester
 - C) Both A and B
 - D) Neither A nor B

- 6) A high-impedance meter _____. 6) _____
 - 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

- 7) A reading of 432 shows on the face of the meter set to the millivolt scale. The reading means _____ 7) _____
 - A) 0.432 volt
 - B) 4.32 volts
 - C) 43.2 volts
 - D) 4320 volts

- 8) When using a DMM, the black lead usually goes in which port? 8) _____
- A) COM
 - B) 10A
 - C) VDC
 - D) None of these
- 9) When interpreting meter readings in autoranging mode _____. 9) _____
- 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
- 10) When working on a hybrid vehicle, which type of meter is recommended? 10) _____
- A) CAT I or CAT II
 - B) CAT II or CAT III
 - C) CAT III or CAT IV
 - D) Any of these would be OK

Answer Key

Testname: AEEP8_6A

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) A

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6) D

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7) A

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8) A

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9) C

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10) C

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