

Name _____

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

- 1) Battery maintenance includes _____. 1) _____
 - A) battery terminals should be clean and tight
 - B) add distilled water if low on electrolyte
 - C) battery should be secured with a hold-down bracket
 - D) All of the above

- 2) When performing a battery load test, how many seconds should the load be applied? 2) _____
 - A) 15
 - B) 5
 - C) 10
 - D) 60

- 3) The use of a small torch can be useful when removing corroded battery terminals. 3) _____
 - A) True
 - B) False

- 4) A battery measures 12.4 volts after removing the surface charge. This battery is charged at what percent? 4) _____
 - A) 100%
 - B) 75%
 - C) 50%
 - D) 25%

- 5) Which of these is the most accurate test to determine the condition of a battery? 5) _____
 - A) Open circuit voltage (OCV) test
 - B) Hydrometer test
 - C) Load or conductance test
 - D) Voltage drop test

- 6) All of these are part of the 3-minute charge test, EXCEPT _____. 6) _____
 - A) connect battery charger and voltmeter to the battery terminals
 - B) connect battery charger and ammeter to the battery terminals
 - C) charge the battery at a rate of 40 amperes for 3 minutes
 - D) at the end of three minutes, read the voltmeter

- 7) Technician A says that an AGM battery can be charged with any battery charger. Technician B says that an AGM battery requires a charger specially designed for charging AGM batteries. Which technician is correct? 7) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

8) Technician A says that all battery connections should be inspected for corrosion. Technician B says that battery cables should be checked for corrosion and replaced as needed. Which technician is correct? 8) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

9) Normal battery drain (parasitic drain) for a vehicle with many computer and electronic circuits is _____. 9) _____

- A) 20 to 30 milliamperes
- B) 2 to 3 amperes
- C) 150 to 300 milliamperes
- D) None of the above

10) A battery date code sticker indicates D8. What does this mean? 10) _____

- A) The date it was shipped from the factory was December, 2018
- B) The date it was shipped from the factory was April, 2018
- C) The battery expires in December, 2018
- D) It was built the second day of the week (Tuesday)

Answer Key

Testname: AEEP8_16A

1) D

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2) A

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3) B

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4) B

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5) C

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6) B

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7) B

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8) C

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9) A

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10) B

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