

Name \_\_\_\_\_

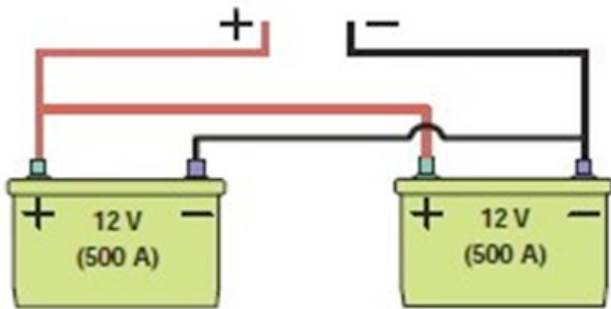
**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

1) 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? 1) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

2) A frozen battery can be thawed by charging it slowly. 2) \_\_\_\_\_  
A) True  
B) False

3) Which type of battery tester uses electronic circuits to measure both a battery's state of charge and capacity? 3) \_\_\_\_\_  
A) Conductance tester  
B) Load tester  
C) Charging tester  
D) Open circuit voltage tester

4) What is the voltage of this battery pair when measured at the + and - cables? 4) \_\_\_\_\_



- A) 24 volts
- B) 12 volts
- C) 1000 volts
- D) 500 volts

5) Technician A says that battery load test loads the battery to one-half of its CCA rating. Technician B says that a good battery should be able to maintain higher than 9.6 volts for a 25-second test period. Which technician is correct? 5) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

- 6) What precautions are needed when charging an AGM type battery? 6) \_\_\_\_\_  
A) Keep the charger away from the battery as far as possible.  
B) Charging amperage should be set to less than 10 amperes.  
C) Charging voltage should be at or below 14.4 volts.  
D) Keep the charging time to less than one hour.
- 7) Vehicles equipped with a diesel engine use two batteries that are connected in parallel to provide additional current at the same voltage. Technician A says to successfully test the batteries, they should be disconnected and tested separately. Technician B says that a fault in one battery has no effect on the other battery. Which technician is correct? 7) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 8) All of these are part of the 3-minute charge test, EXCEPT \_\_\_\_\_. 8) \_\_\_\_\_  
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
- 9) Which of these is a measure of how well a battery can create current? 9) \_\_\_\_\_  
A) Resistance  
B) Conductance  
C) Reluctance  
D) Both A and B
- 10) A lighter or small torch can be useful when removing corroded battery terminals. 10) \_\_\_\_\_  
A) True  
B) False

## Answer Key

Testname: AEE6\_19B

1) B

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2) B

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3) A

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4) B

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5) A

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6) C

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7) A

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8) B

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9) B

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10) B

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