

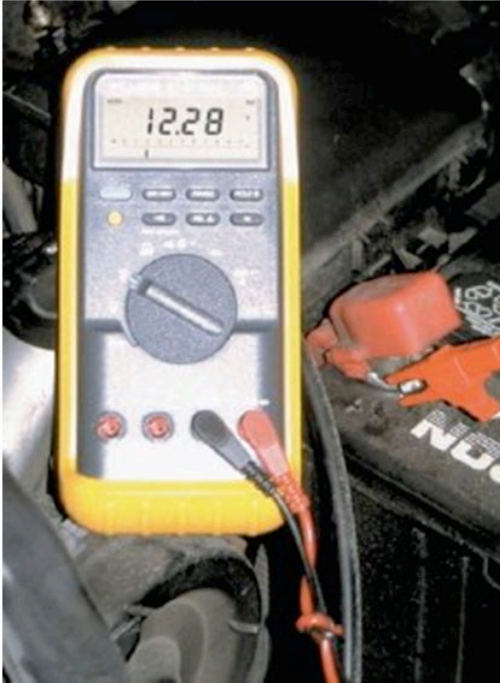
Name _____

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

- 1) When charging a lead-acid (flooded-type) battery, _____. 1) _____
A) The initial charging rate should be about 35 amperes for 30 minutes
B) The battery may not accept a charge for several hours, yet still be a good (serviceable) battery
C) The battery temperature should not exceed 125°F (hot to the touch)
D) All of the above
- 2) A battery should be checked for _____. 2) _____
A) Being securely held down
B) Should have clean and tight battery terminals
C) The battery case being clean
D) All of the above
- 3) A battery measures 12.4 volts after removing the surface charge. This battery is charged at what percent? 3) _____
A) 100%
B) 75%
C) 50%
D) 25%
- 4) A frozen battery can be thawed by charging it slowly. 4) _____
A) True
B) False

5) The reading on this DVOM means that the battery is _____.

5) _____



- A) OK
- B) Overheated
- C) Low on charge
- D) Not enough information

6) Technician A says that distilled or clean drinking water should be added to a battery when the electrolyte level is low. Technician B says that fresh electrolyte (solution of acid and water) should be added. Which technician is correct?

6) _____

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

7) Lead-acid batteries may contain what gases?

7) _____

- A) Hydrogen
- B) Oxygen
- C) Both A and B
- D) Neither A nor B

8) A type of electronic battery tester that does NOT place a load on the battery is called a(an) _____.

8) _____

- A) VAT tester
- B) Conductance tester
- C) Load tester
- D) Ammeter tester

9) 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?

9) _____

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

10) When measuring the specific gravity of the electrolyte, the maximum allowable difference between the highest and lowest hydrometer reading is which of these values?

10) _____

- A) 0.010
- B) 0.020
- C) 0.050
- D) 0.50

Answer Key

Testname: AEE6_19A

1) D

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2) D

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3) B

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4) B

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5) C

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6) A

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7) C

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8) B

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9) A

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10) C

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