| Name | | |
|------------------|-----------------------|------------|
| MULTIPLE CHOICE. | Choose the one altern | native tha |

|) A vehicle equipped with a stop/start system uses a(n) battery. A) AGM | 1) _ |
|---|------|
| B) VRLA | |
| C) deep cycle | |
| D) EFB | |
| 2) When a battery becomes completely discharged, both positive and negative plates become | 2) _ |
| and the electrolyte becomes A) H ₂ SO ₄ ; Pb | |
| B) PbSO ₄ ; H ₂ O | |
| C) PbO ₂ ; H ₂ SO ₄ | |
| D) PbSO ₄ ; H ₂ SO ₄ | |
| / 1 / | |
| 3) A fully charged 12 volt battery should indicate | 3) |
| A) 12.6 volts or higher | |
| B) a specific gravity of 1.265 or higher | |
| C) 12 volts | |
| D) Both A and B | |
| 4) Each automotive battery cell has an electrical potential of how many volts? | 4) |
| A) 2.1 V | ´ - |
| B) 1.5 V | |
| C) 12.6 V | |
| D) None of these | |
| 5) Which statement is true regarding the internal grids in automotive batteries? | 5) |
| A) The grid is made mainly of lead | |
| B) The lead used to make the grid is enhanced with other elements for durability | |
| C) Both A and B | |
| D) Neither A nor B | |
| 6) Which battery rating is tested at 0°F (-18°C)? | 6) |
| A) Cold-cranking amperes (CCA) | ٠, - |
| B) Cranking amperes (CA) | |
| C) Reserve capacity | |
| D) Battery voltage test | |
| 7) What makes a battery "low maintenance" or "maintenance free"? | 7) |
| A) The material that is used to construct the grids | // _ |
| B) The plates are constructed of different metals | |
| C) The electrolyte is hydrochloric acid solution | |
| D) The battery plates are smaller, making more room for additional electrolytes | |

| 8) The positive battery plate is | 8) |
|--|-----|
| A) lead dioxide | |
| B) brown in color | |
| C) sometimes called lead peroxide | |
| D) All of the above | |
| 9) To avoid warping the battery plates charging voltage must be kept below volts. | 9) |
| A) 13 | · |
| B) 12 | |
| C) 15.5 | |
| D) 14 | |
| 10) Caution is advised when working around lead-acid batteries because the battery may contain | 10) |
| gas. | |
| A) atmospheric | |
| B) hydrogen | |
| C) carbon | |
| D) lead | |

Answer Key

Testname: AEEP8_15B

- 1) D
 - Page Ref: 227
- 2) B
- Page Ref: 225
- 3) D
 - Page Ref: 226
- 4) A
 - Page Ref: 223
- 5) C
 - Page Ref: 222
- 6) A
- Page Ref: 228
- 7) A
 - Page Ref: 222
- 8) D
 - Page Ref: 222
- 9) C
 - Page Ref: 228
- 10) B
 - Page Ref: 225