

Name _____

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

- 1) Where are the VRLA batteries located in the Silverado and Sierra hybrid trucks? 1) _____
 - A) Under the hood on the driver's side
 - B) Beneath the driver's seat
 - C) In the engine compartment, against the firewall
 - D) Beneath the rear seat

- 2) The batteries used in the General Motors parallel hybrid truck are _____. 2) _____
 - A) 300-volt NiMH
 - B) Three 12-volt valve-regulated lead acid
 - C) 36-volt NiMH
 - D) 144-volt D-cell size NiMH

- 3) What type of batteries are used in the Saturn VUE and Chevrolet Malibu BAS hybrid? 3) _____
 - A) 300-volt NiMH
 - B) Three 12-volt valve-regulated lead-acid
 - C) 36-volt NiMH
 - D) 144-volt D-cell size NiMH

- 4) The electro-hydraulic power steering pump uses how many volts for power? 4) _____
 - A) 42 volts
 - B) 12 volts
 - C) It is belt-driven from the engine crankshaft
 - D) None of these

- 5) The two-mode hybrid system used by GM uses a _____ volt battery pack. 5) _____
 - A) 300
 - B) 144
 - C) 650
 - D) 42

- 6) The Chevy VOLT HV battery coolant is pressurized to _____ PSI. 6) _____
 - A) 5
 - B) 20
 - C) 15
 - D) 8

- 7) The engine in the VOLT will start when the HV battery reaches a charge level of _____. 7) _____
 - A) 80%
 - B) 30%
 - C) 100%
 - D) 0%

- 8) Where is the GM two-mode HV battery located? 8) _____
- A) In the trunk
 - B) Under the hood, next to the engine
 - C) Behind the rear seat
 - D) Under the rear seat
- 9) Two technicians are discussing the two-mode hybrid vehicle. Technician A says that the two modes are idle stop and regenerative braking. Technician B says that the trucks are full (strong) hybrids capable of operating on battery power alone. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) Which statement(s) is/are true about the auxiliary power outlets (APOs)? 10) _____
- A) Two outlets are inside the cab of the truck
 - B) Two outlets are in the bed of the truck
 - C) Each outlet has 110 volts AC
 - D) All of the above

Answer Key

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1) D

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2) B

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3) C

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4) A

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5) A

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6) A

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7) B

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8) D

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9) B

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10) D

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