

Name _____

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

- 1) A hybrid vehicle 12 volt battery is located under the hood. This will usually be a _____ type battery. 1) _____
 - A) AGM design
 - B) flooded
 - C) gel-cell
 - D) NiCad

- 2) What is TRUE regarding protective gloves worn during HV system service? 2) _____
 - A) Rubber gloves should be checked for leaks before each use.
 - B) Leather gloves are worn over the rubber gloves to protect the rubber from damage.
 - C) Both A and B
 - D) Neither A nor B

- 3) How long can power be retained in the high voltage system once it has been disabled? 3) _____
 - A) 10 to 20 minutes
 - B) Less than 90 seconds
 - C) 9 hours
 - D) None of these

- 4) Technician A says that all components in the high voltage battery box are completely insulated from the rest of the vehicle for safety. Technician B says that the high voltage battery box is located under the hood in some vehicles. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) All of the following will shut off the high voltage to components and circuits EXCEPT _____. 5) _____
 - A) opening the drivers door
 - B) turning the ignition off
 - C) disconnecting the 12- volt auxillary battery
 - D) removing the main fuse, relay, or HV plug

- 6) The local interlock system on a hybrid vehicle detects when _____ have been removed from high-voltage circuits. 6) _____
 - A) covers
 - B) screws
 - C) cables
 - D) bolts

- 7) How should NiMH batteries be disposed of? 7) _____
- A) In the regular trash
 - B) Call an 800 number shown under the hood of the vehicle for information
 - C) Submerged in water and then disposed of in the regular trash
 - D) Burned at an EPA-certified plant
- 8) Servicing the base brakes on a hybrid vehicle requires the technician to _____. 8) _____
- A) replace the pads when needed, just as on any other vehicle
 - B) disconnect the brake regeneration cables
 - C) de-power and disconnect the HV battery
 - D) none of these
- 9) What is the recommended location to store a HEV ignition key during service? 9) _____
- A) Top of the technician's tool box
 - B) Lock box
 - C) In the vehicle glove box
 - D) Leave the key in the ignition
- 10) Rubber gloves should be worn whenever working on or near the high-voltage circuits or components of a hybrid electric vehicle. Technician A says that the rubber gloves should be rated at 1000 volts or higher. Technician B says that leather gloves should be worn over the high-voltage rubber gloves. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician