

Name _____

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

- 1) On a HEV that uses a "START" push button, what precaution should be taken when de-powering the vehicle? 1) _____
 - A) No special precautions are needed
 - B) Put the key fob in the trunk
 - C) Make sure the key is somewhere inside the vehicle
 - D) Make sure the key fob is at least 15 feet away from the vehicle

- 2) The gasoline engine of a hybrid electric stops running when the vehicle stops at a traffic light. Technician A says that it is normal for most hybrid electric vehicles. Technician B says that there is a fault with the engine. Which technician is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technician A and technician B
 - D) Neither technician A nor technician B

- 3) All of the following will shut off the high voltage to components and circuits EXCEPT _____. 3) _____
 - A) Removing the main fuse, relay, or HV plug
 - B) Disconnecting the 12- volt auxillary battery
 - C) Turning the ignition off
 - D) Opening the drivers door

- 4) Which of the following systems will require disabling the high voltage (HV) system during service? 4) _____
 - A) Tire rotation
 - B) Air filter replacement
 - C) Oil change
 - D) Electric AC compressor replacement

- 5) Hybrid electric vehicles usually use _____ engine oil. 5) _____
 - A) SAE 0W-20 or 5W-20
 - B) SAE 5W-20 or 5W-30
 - C) SAE 5W-30 or 10W-30
 - D) SAE 10W-30 or 10W-40

- 6) Which type of hybrid electric vehicle has idle stop operation? 6) _____
 - A) Strong, mild, and medium hybrids
 - B) Strong hybrids only
 - C) Mild hybrids only
 - D) Medium hybrids only

- 7) Servicing the base brakes on a hybrid vehicle requires the technician to _____. 7) _____
- A) Replace the pads when needed, just as on any other vehicle
 - B) De-power and disconnect the HV battery
 - C) Disconnect the brake regeneration cables
 - D) None of these
- 8) The GM EV-1 was what type of vehicle? 8) _____
- A) Totally electric powered
 - B) A first generation hybrid electric vehicle (HEV)
 - C) A parallel-type HEV
 - D) A series-type HEV
- 9) Which type hybrid uses 36 to 42 volts? 9) _____
- A) Full hybrid
 - B) Medium hybrid
 - C) Strong hybrid
 - D) Mild hybrid
- 10) The auxillary 12 volt battery located in the trunk of a hybrid vehicle is usually of the _____ 10) _____
type.
- A) Roll top
 - B) Flooded
 - C) AGM
 - D) IGN

Answer Key

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1) D

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2) A

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3) D

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4) D

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5) C

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6) A

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7) A

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8) A

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9) D

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10) C

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