

Name \_\_\_\_\_

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

- 1) Which type hybrid uses 36 to 42 volts? 1) \_\_\_\_\_
  - A) Medium hybrid
  - B) Mild hybrid
  - C) Strong hybrid
  - D) Full hybrid
  
- 2) On a HEV that uses a "START" push button, what precaution should be taken when de-powering the vehicle? 2) \_\_\_\_\_
  - A) Make sure the key fob is at least 15 feet away from the vehicle
  - B) Put the key fob in the trunk
  - C) Make sure the key is somewhere inside the vehicle
  - D) No special precautions are needed
  
- 3) The auxillary 12 volt battery located in the trunk of a hybrid vehicle is usually of the \_\_\_\_\_ type. 3) \_\_\_\_\_
  - A) IGN
  - B) Roll top
  - C) Flooded
  - D) AGM
  
- 4) A medium hybrid electric vehicle operates on about \_\_\_\_\_ volts. 4) \_\_\_\_\_
  - A) 36
  - B) 330
  - C) 150
  - D) 42
  
- 5) The GM EV-1 was what type of vehicle? 5) \_\_\_\_\_
  - A) Totally electric powered
  - B) A parallel-type HEV
  - C) A series-type HEV
  - D) A first generation hybrid electric vehicle (HEV)
  
- 6) Hybrid electric vehicles usually use \_\_\_\_\_ engine oil. 6) \_\_\_\_\_
  - 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
  
- 7) How can a hybrid electric vehicle be identified? 7) \_\_\_\_\_
  - A) By emblems on the front, side, or rear of the vehicle
  - B) By orange electrical cables under the hood
  - C) Both A and B
  - D) Neither A nor B

- 8) All of the following will shut off the high voltage to components and circuits EXCEPT \_\_\_\_\_ 8) \_\_\_\_\_
- A) Removing the main fuse, relay, or HV plug
  - B) Opening the drivers door
  - C) Turning the ignition off
  - D) Disconnecting the 12- volt auxillary battery
- 9) The energy that is recaptured during regenerative braking is sent to the \_\_\_\_\_. 9) \_\_\_\_\_
- A) High voltage battery pack
  - B) Anti-lock brake accumulator
  - C) Generator
  - D) Radiator
- 10) Which type of hybrid is capable of propelling the vehicle using just the electric motor? 10) \_\_\_\_\_
- A) Medium hybrid
  - B) Mild hybrid
  - C) Strong (full) hybrid
  - D) 36 -volt type

## Answer Key

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1) B

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2) A

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3) D

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4) C

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5) A

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6) C

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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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