

Name _____

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

- 1) A hybrid electric vehicle has a feature that could allow the engine to start and run without warning. This feature is called _____. 1) _____
A) idle stop
B) false off
C) battery save
D) self-start
- 2) A technician is preparing to do an oil change on a hybrid vehicle. What special precaution needs to be taken BEFORE performing this service? 2) _____
A) Make sure the ignition is "OFF" and the key is removed from the ignition switch.
B) Leave the hood closed when draining the oil.
C) Do not lift the vehicle more than 12 inches off the floor.
D) Disconnect any orange colored wiring harnesses.
- 3) A defective thermostat can cause the powertrain control module (PCM) to set what diagnostic trouble code (DTC)? 3) _____
A) P0171
B) P0172
C) P0128
D) P0300
- 4) An intake manifold gasket has been replaced due to a vacuum leak. Which of the following steps uses a scan tool to complete the job? 4) _____
A) Idle relearn
B) Refilling the cooling system
C) Torquing the manifold bolts
D) Air cleaner check
- 5) Coolant leaking from an intake manifold can evaporate fast enough to leave no trace of a leak. 5) _____
A) True
B) False
- 6) Which of the following is NOT a function of engine mounts? 6) _____
A) Support the weight of the engine.
B) Support the torque of the powertrain.
C) Transfer engine vibrations into the body of the vehicle.
D) Isolate engine noise from the frame of the vehicle.
- 7) Hybrid electric vehicles usually require special engine oil of what viscosity? 7) _____
A) SAE 5W-30
B) SAE 10W-30
C) SAE 0W-20
D) SAE 5W-40

- 8) A water pump can fail to provide the proper amount of coolant flow through the cooling system if what has happened? 8) _____
- A) The coolant is leaking from the weep hole.
 - B) The bearing is noisy.
 - C) The impeller blades are worn or slipping on the shaft.
 - D) A bearing failure has caused the shaft to become loose.
- 9) A vehicle has set DTC P0172, indicating a lean exhaust and a vacuum leak is suspected. This can be diagnosed by introducing _____ around the intake manifold gasket. 9) _____
- A) shop air
 - B) propane
 - C) rock salt
 - D) sprayed gasoline
- 10) Technician A says to use lineman's gloves when servicing the high voltage system on hybrid electric vehicles. Technician B says that hybrid vehicles have a plug to disable the high voltage system before service. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

Answer Key

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1) A

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2) A

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3) C

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4) A

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5) A

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6) C

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7) C

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8) C

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9) B

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10) C

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