

Name _____

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

- 1) The torque specification for many plastic intake manifolds are in what unit? 1) _____
 - A) Pound-inches
 - B) Pound-feet
 - C) Ft-lbs per minute
 - D) Lb-ft per second

- 2) A thermostat can fail in which way? 2) _____
 - A) Stuck open
 - B) Stuck closed
 - C) Stuck partially open
 - D) Any of the above

- 3) Technician A uses a steel gasket scraper on aluminum engine parts. Technician B uses a plastic or wood scraper on aluminum engine parts. Which technician is correct? 3) _____
 - A) Technician A
 - B) Technician B
 - C) Both Technicians
 - D) Neither Technician

- 4) A hybrid electric vehicle has a feature that could allow the engine to start and run without warning. This feature is called _____. 4) _____
 - A) Idle stop
 - B) False off
 - C) Battery save
 - D) Self-start

- 5) A technician is preparing to do an oil change on a hybrid vehicle. What special precaution needs to be taken BEFORE performing this service? 5) _____
 - 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

- 6) Technician A says to use lineman's gloves when servicing the high voltage system on hybrid electric vehicles. Technician B says that some hybrid vehicles require high-viscosity engine oil. Which technician is correct? 6) _____
 - A) Technician A
 - B) Technician B
 - C) Both Technicians
 - D) Neither Technician

- 7) 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? 7) _____
- A) Idle relearn
 - B) Refilling the cooling system
 - C) Torquing the manifold bolts
 - D) Air cleaner check
- 8) A skewed thermostat means it is _____. 8) _____
- A) Working, but not at the correct temperature
 - B) Not working
 - C) Missing the thermo wax in the heat sensor
 - D) Contaminated with coolant
- 9) A gasoline direct-injection engine has a light ticking sound when running. What should the technician do to correct this noise? 9) _____
- A) Change the oil
 - B) Nothing, the noise is normal
 - C) Check for carbon deposits on top of the pistons
 - D) Check for vacuum leaks
- 10) Coolant drained from the cooling system when replacing a thermostat or water pump should be _____. 10) _____
- A) Reused
 - B) Disposed of properly or recycled
 - C) Poured down a toilet
 - D) Filtered and reinstalled after the repair

Answer Key

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1) A

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2) D

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3) B

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4) A

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5) A

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6) A

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7) A

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8) A

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9) B

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10) B

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