

Automotive Engines 10th

Quiz 22B

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

1. A skewed thermostat means it is _____. 1. _____
 - A) working, but not at the correct temperature
 - B) not working
 - C) missing the thermo wax in the heat sensor
 - D) contaminated with coolant

2. Coolant drained from the cooling system when replacing a thermostat or water pump should be _____. 2. _____
 - A) reused
 - B) disposed of properly or recycled
 - C) poured down a toilet
 - D) filtered and reinstalled after the repair

3. On some engines equipped with a timing belt, the belt also may drive the _____. 3. _____
 - A) water pump
 - B) alternator
 - C) AC compressor
 - D) power steering

4. A thermostat can fail in which way? 4. _____
 - A) Stuck open
 - B) Stuck closed
 - C) Stuck partially open
 - D) Any of the above

5. Coolant leaking from an intake manifold can evaporate fast enough to leave no trace of a leak. 5. _____
 - A) True
 - B) False

6. A gasoline direct-injection engine has a light ticking sound when running. What should the technician do to correct this noise? 6. _____
 - 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

7. The torque specification for many plastic intake manifolds are in what unit? 7. _____
 - A) Pound-inches
 - B) Pound-feet
 - C) Ft-lbs per minute
 - D) Lb-ft per second

8. Some of the wiring under the hood of a late model vehicle is encased in bright orange covering. This indicates a _____. 8. _____
- A) high pressure hydraulic systems
 - B) high pressure air conditioning system
 - C) high voltage electrical system
 - D) None of these
9. What steps are needed to adjust valves? 9. _____
- A) Check service information for the exact procedure to follow
 - B) Remove the valve (cam) cover
 - C) Rotate the engine until the rocker arm or lifter is contacting the base circle of the cam
 - D) All of the above
10. Intake manifold gaskets on a V-type engine can fail due to what factor? 10. _____
- A) Fretting
 - B) Coolant damage
 - C) Relative movement between the intake manifold and the cylinder head
 - D) All of the above

Answer Key

Testname: ENGINES 10 22B

1. A
Page Ref: 305
2. B
Page Ref: 306
3. A
Page Ref: 308
4. D
Page Ref: 305
5. A
Page Ref: 306
6. B
Page Ref: 309
7. A
Page Ref: 307
8. C
Page Ref: 308
9. D
Page Ref: 310
10. D
Page Ref: 306