

Name: _____

Date: _____

1. What does 'lugging' an engine mean?
 - A. Increasing the throttle opening without increasing engine speed (RPM).
 - B. Driving the vehicle at a high speed.
 - C. Starting the engine without oil.
 - D. Operating the engine without coolant.

2. At which point is the normal operating temperature considered to be reached?
 - A. When the radiator cap releases coolant into the overflow.
 - B. When the upper radiator hose is hot and pressurized.
 - C. When the electric cooling fan has cycled at least once (if the vehicle is so equipped).
 - D. Both b and c

3. Which computer sensor should be replaced to ensure the engine operates at the correct air-fuel ratio?
 - A. Throttle position sensor
 - B. Oxygen sensor
 - C. Manifold absolute pressure sensor
 - D. Engine coolant temperature sensor

4. How should a vehicle be driven to best break in a newly overhauled engine?
 - A. At a steady low speed.
 - B. At varying speeds and loads.
 - C. At high speed and loads.
 - D. At idle speed and little or no load.

5. Why must flat-bottom camshafts be broken in at a fast idle?
 - A. The cam in a cam-in-block engine is only lubricated by splash oil.
 - B. The flat-bottom of the lifters must become slightly concave in order to rotate.
 - C. Both a and b are correct.
 - D. Neither a nor b are correct.

6. When should the transmission be reinstalled on the engine if it was removed with the transmission attached?
 - A. After installing all other accessories.
 - B. Before installing any other accessories.
 - C. After checking the engine balance.
 - D. Before checking the oil pressure.

7. Why are the attaching bolt holes on the flywheel often unevenly spaced?
 - A. To make the installation more challenging.
 - B. To ensure the flywheel fits in multiple ways.
 - C. To maintain engine balance.
 - D. To enhance the aesthetic appeal.

8. What is the purpose of the preinstallation checklist during engine installation?

- A. To enhance the aesthetic appeal of the engine.
- B. To ensure that all accessories are correctly reinstalled on the engine.
- C. To check the engine balance.
- D. To ensure the battery is discharged.

9. Why should you check that all vacuum lines are correctly installed and routed?

- A. To ensure efficient fuel consumption.
- B. To prevent air leakage into the engine.
- C. To maintain proper engine vacuum.
- D. To cool down the engine.

10. Which of the following should be ensured regarding the fuel before starting the engine?

- A. The fuel tank should be empty.
- B. The fuel lines should have leaks.
- C. Fresh fuel should be in the fuel tank.
- D. The fuel should be old.

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Chapter 35

Multiple Choice Quiz B

Answer Key

1. A

2. D

3. B

4. B

5. C

6. B

7. C

8. B

9. C

10. C