

Name _____

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

- 1) Before installing or starting a new or rebuilt engine, all of the following items should have been checked, EXCEPT _____. 1) _____
 - A) Battery fully charged
 - B) Pre-lube engine and check for proper oil pressure
 - C) Check that all of the vacuum lines are correctly installed and routed
 - D) Rear axle is topped off

- 2) How should the vehicle be driven to best break in a newly overhauled engine? 2) _____
 - A) At a steady low speed
 - B) At varying speeds and loads
 - C) At high speeds and loads
 - D) At idle speed and little or no load

- 3) Always adjust the _____ before starting the engine to help prevent thrust bearing damage? 3) _____
 - A) Shift linkage
 - B) Clutch free play
 - C) Brake pedal travel
 - D) Driveshaft angle

- 4) Lugging an engine means _____. 4) _____
 - A) Wide-open throttle (WOT) in low gear above 25 miles per hour
 - B) That engine speed does not increase when the throttle is opened wider
 - C) Starting a cold engine and allowing it to idle for longer than five minutes
 - D) Both B and C

- 5) After rebuilding an engine, you need to have which of these near when the engine is first started? 5) _____
 - A) Bucket of water
 - B) Fire extinguisher
 - C) Blanket
 - D) First Aid Kit

- 6) "Dressing the engine" means _____. 6) _____
 - A) Installing all of the exterior engine components
 - B) Cleaning the engine
 - C) Changing the oil and filter
 - D) Both B and C

- 7) Two technicians are discussing the installation of a rebuilt engine into a vehicle. Technician A says that the radiator should be flow tested to help ensure that the engine will not overheat. Technician B says that a new thermostat should be installed. Which technician is correct? 7) _____
- A) Technician A
 - B) Technician B
 - C) Both technicians
 - D) Neither technician
- 8) The _____ is part of the transmission case on most automatic transmissions. 8) _____
- A) Drive plate
 - B) Output shaft
 - C) Bell housing
 - D) Input gear
- 9) If the bell housing is NOT properly torqued to the engine block, _____. 9) _____
- A) The bell housing will distort
 - B) The engine block will crack
 - C) The rear cylinder can be distorted (become out-of-round)
 - D) The crankshaft will crack
- 10) Normal operating temperature is reached when _____. 10) _____
- A) The radiator cap releases coolant into the overflow
 - B) The upper radiator hose is hot and pressurized
 - C) The cooling fan has cycled at least once (if equipped)
 - D) Both B and C

Answer Key

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1) D

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2) B

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3) B

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4) B

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5) B

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6) A

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7) C

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8) C

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9) C

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10) D

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