

Automotive Engines 10th

Quiz 35A

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

1. Break-in engine oil is _____.
A) of the same viscosity and grade as that specified for normal engine operation
B) SAE 40
C) SAE 30
D) SAE 20W-50
1. _____
2. Technician A says that it is generally easier to install the starter after the engine is put in the chassis. Technician B says that some engines drive all the accessories with one belt. Which technician is correct?
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
2. _____
3. Engine vacuum on a normal stock rebuilt engine should be _____.
A) 10 to 15 in. Hg.
B) 12 to 16 in. Hg.
C) 17 to 21 in. Hg.
D) 19 to 23 in. Hg.
3. _____
4. Which computer sensor should be replaced to help ensure that the engine will be operating at the correct air-fuel ratio?
A) Throttle position sensor
B) Oxygen sensor
C) Manifold absolute pressure sensor
D) Engine coolant temperature sensor
4. _____
5. Technician A says that if the engine was removed with the transmission attached, the transmission should be reinstalled on the engine before other accessories are added. Technician B says that he flywheel attaching bolt holes are always evenly spaced so that the flywheel will fit in any way. Which technician is correct?
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
5. _____
6. Lugging an engine means _____.
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
6. _____
7. The _____ is part of the transmission case on most automatic transmissions.
A) drive plate
B) output shaft
C) bell housing
D) pilot bearing
7. _____

8. After rebuilding an engine, which of these should be nearby when the engine is first started? 8. _____
- A) Bucket of water
 - B) Fire extinguisher
 - C) Blanket
 - D) First Aid Kit
9. Technician A says to always adjust the clutch free play after starting the engine. Technician B says that the old clutch disc can be reused if it looks OK. Which technician is correct? 9. _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
10. How should the vehicle be driven to best break in a newly overhauled engine? 10. _____
- 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

Answer Key

Testname: ENGINES 10 35A

1. A
Page Ref: 517
2. B
Page Ref: 516
3. C
Page Ref: 517
4. B
Page Ref: 527
5. A
Page Ref: 514
6. B
Page Ref: 518
7. C
Page Ref: 515
8. B
Page Ref: 514
9. D
Page Ref: 515
10. B
Page Ref: 518