

Automotive Engines 10th

Quiz 23B

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

1. With the rocker cover (valve cover) removed, the technician can inspect all items EXCEPT _____ 1. _____
 - A) combustion chamber deposits
 - B) rocker arms and valve spring
 - C) camshaft (overhead camshaft engine only)
 - D) valve stems and pushrods (overhead valve engines only)

2. After the oil pan (sump) is removed, the technician should inspect _____. 2. _____
 - A) the oil pump and pickup screen
 - B) to make certain that all rod and main bearings are numbered or marked
 - C) the valve lifters (tappets) for wear
 - D) Both A and B

3. Before the valves are removed from the cylinder head, what operations need to be completed? 3. _____
 - A) Remove valve locks (keepers)
 - B) Remove cylinder head (s) from the engine
 - C) Remove burrs from the stem of the valve (s)
 - D) All of the above

4. Before the timing chain can be inspected and removed, the _____ must be removed. 4. _____
 - A) rocker cover (valve cover)
 - B) vibration damper or balancer
 - C) cylinder head
 - D) intake manifold (V-type engines only)

5. Before removing the piston and rod assembly from the cylinder block, you should do all of these, EXCEPT _____. 5. _____
 - A) make sure the rods are marked to their respective cylinders
 - B) remove the cylinder ridge with a ridge reamer
 - C) install rod bolt protectors
 - D) notch the top of the piston for identification

6. When removing an engine from a vehicle equipped with an automatic transmission, the torque converter normally _____. 6. _____
 - A) stays mounted on the transmission
 - B) is removed attached to the engine engine
 - C) must be drained
 - D) remains connected to the flexplate

7. Technician A says that lifting hooks should be used when hoisting an engine. Technician B says that the engine can remain level during removal. Which technician is correct? 7. _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

8. When removing cylinder heads, the fasteners should be removed in what order? 8. _____
- A) The reverse order of tightening
 - B) The same order as the specified tightening sequence
 - C) Any order
 - D) All fasteners loosened slightly in the same order as the tightening sequence and then removed in any order
9. Technician A says that a minor overhaul includes performing a valve job. Technician B says that a minor overhaul includes replacing the pistons. 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. Technician A says that a minor overhaul can often be done with the engine remaining in the vehicle. Technician B says that a core is required for most remanufactured engines. Which technician is correct? 10. _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

Answer Key

Testname: ENGINES 10 23B

1. A
Page Ref: 318
2. D
Page Ref: 320
3. D
Page Ref: 323
4. B
Page Ref: 321
5. D
Page Ref: 320
6. A
Page Ref: 317
7. A
Page Ref: 317
8. A
Page Ref: 319
9. A
Page Ref: 315
10. C
Page Ref: 315-316