

Name: _____ Date: _____

1. In a vacuum test, what unit is typically used to measure vacuum?
 - A. Pascals (PA).
 - B. Pounds per square inch (psi)
 - C. Inches of mercury (inch Hg)
 - D. Bar

2. Which test involves adding oil to the cylinder before measuring compression?
 - A. Running compression test
 - B. Wet compression test
 - C. Vacuum test
 - D. Power balance test

3. A loss of vacuum during engine operation typically indicates:
 - A. A restricted exhaust
 - B. A faulty spark plug
 - C. A vacuum leak
 - D. A damaged fuel injector

4. What is the significance of conducting a back pressure test?
 - A. To evaluate the quality of engine oil
 - B. To determine the condition of the ignition system
 - C. To identify any restrictions in the exhaust system
 - D. To measure the vacuum level of the engine

5. Which of the following is a typical indication of head gasket failure?
 - A. Increased fuel consumption
 - B. Smoke from the exhaust
 - C. Reduced engine noise
 - D. Misaligned spark plugs

6. If a vacuum test indicates a steady low reading, what could be a potential cause?
 - A. Worn rings or cylinders
 - B. Leaking head gasket
 - C. Late ignition or valve timing
 - D. Restricted exhaust

7. In a running compression snap test, a low reading indicates:
 - A. Leaky valves or rings
 - B. Restricted exhaust
 - C. Faulty spark plug
 - D. Improper ignition timing

8. A fluctuating vacuum gauge reading during a test often suggests:

- A. Worn rings
- B. Leaky valves
- C. Restricted exhaust
- D. Faulty ignition system

9. Which of the following is NOT a typical indication of engine mechanical problems?

- A. Loss of power
- B. Engine misfiring
- C. Smooth and stable idle
- D. Excessive oil consumption

10. In diagnosing engine-related complaints, what is the importance of the driver's description?

- A. It helps in marketing and sales
- B. It provides a starting point for the diagnosis
- C. It helps in replacing the engine oil
- D. It aids in cleaning the engine

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Chapter 23

Multiple Choice Quiz B

Answer Key

1. C

2. B

3. C

4. C

5. B

6. A

7. A

8. B

9. C

10. B