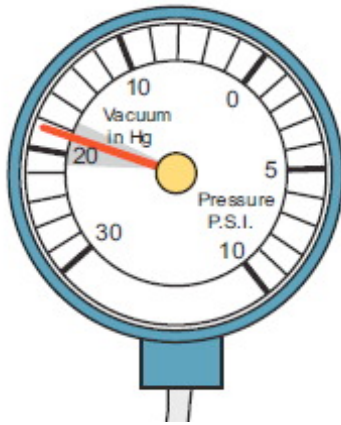


Name _____

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

- 1) The pressure measured in the exhaust system should not be more than _____ PSI. 1) _____
A) 1.5
B) 2.5
C) 14.7
D) 21
- 2) A good engine should produce how much compression during a running (dynamic) compression test at idle? 2) _____
A) 150-200 PSI
B) 100-150 PSI
C) 60-90 PSI
D) 30-60 PSI
- 3) Technician A says that a compression test can be used to test the condition of connecting rods. Technician B says that a cylinder leakage test fills the cylinder with compressed air, and the gauge indicates the percentage of leakage. Which technician is correct? 3) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician
- 4) Engine cranking vacuum should be _____. 4) _____
A) 2.5 in. Hg or higher
B) Over 25 in. Hg
C) 17-21 in. Hg
D) 6-16 in. Hg

5) The vacuum reading shown was taken from an engine at idle speed. The reading indicates that _____ 5) _____



- A) The timing is retarded
- B) The engine is in good mechanical condition
- C) A valve is out of adjustment
- D) The idle speed is too low

6) A vehicle has been diagnosed with a clogged catalytic converter. Technician A says that fuel and ignition systems should be inspected for faults. Technician B says that a fault in the radiator could have caused the converter to become clogged. Which technician is correct? 6) _____

- A) Technician A
- B) Technician B
- C) Both technicians
- D) Neither technician

7) Technician A says that the paper test could detect a burned valve. Technician B says that a grayish white stain on the engine could be a coolant leak. Which technician is correct? 7) _____

- A) Technician A
- B) Technician B
- C) Both technicians
- D) Neither technician

8) Most mechanical engine problems are caused by which of these? 8) _____

- A) Overcooling
- B) Overheating
- C) Fuel Loss
- D) High RPM

9) Which of the following is the LEAST LIKELY to cause an engine noise? 9) _____

- A) Carbon on the pistons
- B) Cracked exhaust manifold
- C) Loose accessory drive belt
- D) Vacuum leak

- 10) All of these are procedures that can help a service technician to diagnose engine faults, EXCEPT 10) _____
- _____.
- A) Vacuum test
 - B) Compression test
 - C) Cylinder leakage test
 - D) Fuel level test

Answer Key

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1) B

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2) C

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3) B

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4) A

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5) B

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6) A

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7) C

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8) B

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9) D

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10) D

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