

Name _____

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

- 1) Which noise is most noticeable at idle? 1) _____
 - A) Valve lifters
 - B) Main-bearing knock
 - C) Piston slap
 - D) Worn thrust bearings

- 2) Technician A says to always wait five minutes before removing the radiator cap from a hot engine. Technician B says that leaking coolant may cause a rust-colored stain. Which technician is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 3) What does black exhaust smoke indicate? 3) _____
 - A) Excessive fuel
 - B) Insufficient fuel
 - C) Burning oil
 - D) Coolant in combustion chamber

- 4) Which of the following is LEAST likely to create a rattle sound? 4) _____
 - A) Cracked flex plate
 - B) Broken harmonic balancer
 - C) Loose accessory mounts
 - D) Loose belt tensioner

- 5) Cranking vacuum should be _____. 5) _____
 - A) 2.5 inches Hg or higher
 - B) Over 25 inches Hg
 - C) 17 to 21 inches Hg
 - D) 6 to 16 inches Hg

- 6) A good engine should produce how much compression during a running (dynamic) compression test? 6) _____
 - A) 150-200 PSI
 - B) 100-150 PSI
 - C) 60-90 PSI
 - D) 30-60 PSI

- 7) Technician A checks for gasoline in the oil by holding a match to the dipstick. Technician B checks for water in the oil by dropping a small amount on the hot manifold to see if it bubbles. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 8) The engine should be cranked through _____ compression strokes during a compression test. 8) _____
- A) Four
 - B) Three
 - C) Two
 - D) One
- 9) When preparing for a compression test, technician A disables the ignition system. Technician B only removes the spark plug for the cylinder he is testing. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) The low oil pressure warning light usually comes on _____. 10) _____
- A) Whenever an oil change is required
 - B) Whenever oil pressure drops dangerously low (4 to 7 (PSI)
 - C) Whenever the oil filter bypass valve opens
 - D) Whenever the oil filter antidrainback valve opens

Answer Key

Testname: ENGINEPERF5_13A

1) A

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2) B

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3) A

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4) A

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5) A

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6) C

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7) C

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8) A

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9) A

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10) B

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