

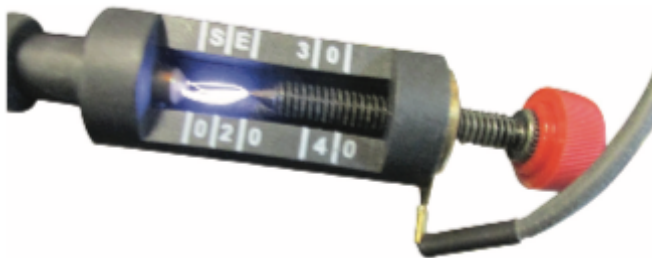
Name _____

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

- 1) Which can be used to test for a fault with a cylinder on a waste-spark system? 1) _____
- A) Using a timing light to check for spark
 - B) Using short sections of rubber hose attached to the coil terminals
 - C) An LED test light
 - D) Any of the above

- 2) Technician A says that a thorough visual inspection should be performed on all ignition components when diagnosing an engine performance problem Technician B says that platinum spark plugs can be re-gapped after use in an engine. Which technician is correct? 2) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 3) What testing device is shown in this illustration? 3) _____



- A) Spark tester
 - B) Spark meter
 - C) Gauss gauge
 - D) Ground tester
- 4) A spark tester should be used to check for spark because _____. 4) _____
- A) a spark tester requires at least 25,000 volts to fire
 - B) it is connected to the CKP sensor to check its output
 - C) it can detect a cracked spark plug
 - D) it can detect the gap of the spark plugs
- 5) Typical primary coil resistance specifications usually range from _____ ohms. 5) _____
- A) 100 to 450
 - B) 500 to 1500
 - C) less than 1 to 3
 - D) 6,000 to 30,000

- 6) Technician A says that a crankshaft position sensor (CKP) can be tested with an ohmmeter. Technician B says that ignition coils can be tested with an ohmmeter. Which technician is correct? 6) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 7) Typical secondary coil resistance specifications usually range from _____ ohms 7) _____
- A) 100 to 450
 - B) 500 to 1500
 - C) 1 to 3
 - D) 6,000 to 30,000
- 8) Technician A says that a defective spark plug wire or boot can cause an engine misfire. Technician B says that a tracked ignition coil can cause an engine misfire. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 9) Technician A says that indexing the distributor is the same as setting ignition timing. Technician B says that a distributor that is not phased correctly can cause a misfire and rough idle. 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) As engine speed increases, the timing of the spark in the cylinder must be _____, 10) _____
- A) advanced
 - B) maintained the same
 - C) set at 10 degrees BTDC
 - D) retarded slightly

Answer Key

Testname: AEEP8_30B

1) B

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2) A

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3) A

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4) A

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5) C

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6) C

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7) D

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8) C

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9) B

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10) A

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