

Name _____

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

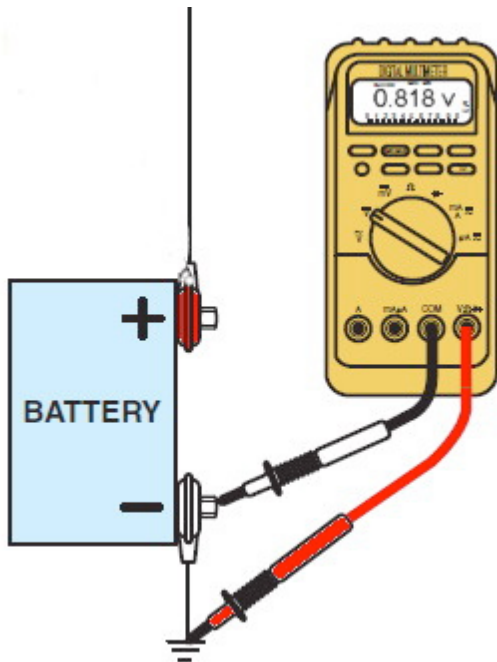
- 1) Normal battery drain (parasitic drain) with a vehicle with many computer and electronic circuits is _____. 1) _____
A) 20 to 30 milliamperes
B) 2 to 3 milliamperes
C) 150 to 300 milliamperes
D) None of the above
- 2) Technician A says that a discharged battery (lower-than-normal battery voltage) can cause solenoid clicking. Technician B says that a discharged battery or dirty (corroded) battery cables can cause solenoid clicking. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 3) Which type of battery testing uses an electronic device to measure a battery's state of charge and capacity? 3) _____
A) Conductance testing
B) Load testing
C) Charging testing
D) Open circuit voltage testing
- 4) When jump starting, _____. 4) _____
A) The last connection should be to the positive post of the dead battery
B) The last connection should be to the engine block of the dead vehicle
C) The generator must be disconnected on both vehicles
D) Both B and C
- 5) When conducting a parasitic drain test, which reading below indicates too much drain? 5) _____
A) 100 mA
B) 5 mA
C) 25 mA
D) 10.2 mA
- 6) A scan tool can be used to check _____. 6) _____
A) Cranking RPM
B) Cranking voltage
C) Charging voltage
D) All of these

7) When performing a battery load test, how many seconds should the load be applied? 7) _____
A) 15
B) 5
C) 10
D) 60

8) Testing the electrical system through the lighter plug using a digital meter can test _____. 8) _____
A) Charging system current
B) Charging system voltage
C) Cranking system current
D) All of the above

9) A battery high-rate discharge (load capacity) test is being performed on a 12-volt battery. 9) _____
Technician A says that a good battery should have a voltage reading of higher than 9.6 volts while under load at the end of the 15-second test. Technician B says that the battery should be discharged (loaded) to 2 times its CCA rating). Which technician is correct?
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

10) This voltage reading was obtained while cranking the engine. The indicated reading (0.816 V) is 10) _____
_____.



A) Too high
B) Too low
C) An inconclusive measurement
D) Incorrectly done

Answer Key

Testname: ENGINEPERF5_15B

1) A

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2) B

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3) A

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4) B

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5) A

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6) D

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7) A

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8) B

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9) A

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10) A

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