

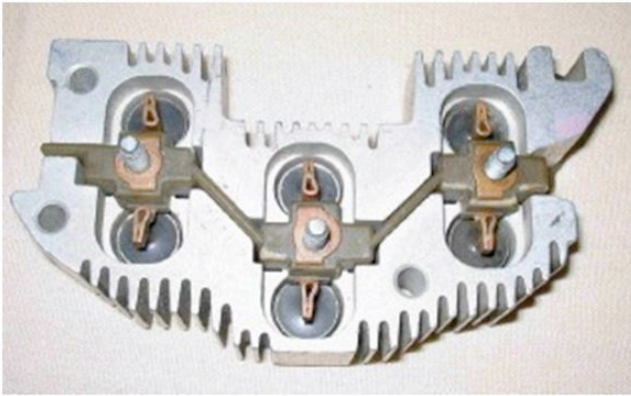
Name _____

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

- 1) An alternator diode is being tested using a DMM (digital multimeter) set to the diode check position. A good diode will read _____ if the leads are connected one way across the diode and _____ if the leads are reversed. 1) _____
A) 300; 300
B) 0.475; 0.475
C) OL; OL
D) 0.551; OL
- 2) Which of the following would NOT be used to check drive belt wear? 2) _____
A) Groove color change
B) A tension gauge
C) A belt wear gauge
D) Belt deflection between two pulleys
- 3) Technician A says that a loose drive belt could cause overcharging. Technician B says that undersized wiring between the alternator and the battery could cause undercharging. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 4) All of these alternator components should be electrically tested, EXCEPT _____. 4) _____
A) Stator
B) Rotor
C) Diodes
D) End frame
- 5) Technician A says that by full fielding the alternator, you are bypassing the voltage regulator. Technician B says that full fielding can possibly damage electronic circuits, so it is no longer a recommended test. Which technician is correct? 5) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 6) To check the charging voltage, connect a digital multimeter (DMM) to the positive (+) and negative (-) terminals of the battery and select _____. 6) _____
A) DC volts
B) AC volts
C) DC amps
D) AC amps

- 7) A vehicle battery is consistently low on voltage. Technician A says to disconnect the battery with the engine running to test for proper alternator output. Technician B says that a loose alternator belt may cause this problem. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 8) Identify this alternator component. 8) _____



- A) Rectifier bridge
 - B) Diode trio
 - C) Stator linkage
 - D) Alternator end housing
- 9) Before disassembling an alternator, _____ the case. 9) _____
- A) Paint
 - B) Mark
 - C) Acid dip
 - D) Wash
- 10) When the rotor is removed from the rear housing, the brushes will fall out. 10) _____
- A) True
 - B) False

Answer Key

Testname: AEE6_23A

1) D

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2) A

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3) B

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4) D

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5) C

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6) A

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7) B

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8) A

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9) B

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10) A

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