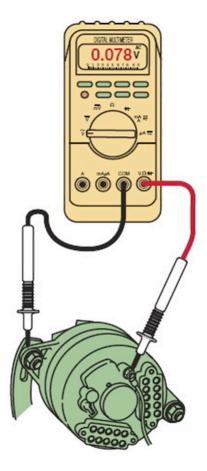
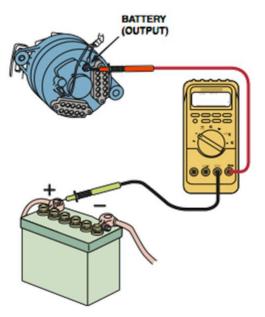
Automo	tive Techr	nology 6th	Edition	
Quiz 55	В			

Name	
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question	on.
 1) 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. Who is right? A) Technician A only B) Technician B only C) Both technicians D) Neither technician 	1)
2) An acceptable charging circuit voltage on a 12 volt system is A) 13.5 to 15 volts B) 12.6 to 15.6 volts C) 12 to 14 volts D) 14.9 to 16.1 volts	2)
3) Technician A says that a voltage drop test of the charging circuit should only be performed when current is flowing through the circuit. Technician B says to connect the leads of a voltmeter to the positive and negative terminals of the battery to measure the voltage drop of the charging system. Who is right? A) Technician A only B) Technician B only C) Both technicians D) Neither technician	3)
4) The maximum allowable alternating current (AC) in amperes that is being sent to the battery from the alternator is A) 0.04 A B) 1 to 3 A C) 3 to 4 A D) 10% of the rated output of the AC Generator	4)
 5) When performing an alternator output test, which of these tools would the technician choose? A) An electronic torque wrench B) An ohmmeter C) A load tester D) A vacuum gauge 	5)
 6) The diodes are usually replaced A) individually, only if open B) individually, only if shorted C) as a replaceable rectifier component D) as part of the stator assembly 	6)



- A) AC ripple voltage test
- B) Alternator voltage output test
- C) Charging system current test
- D) Diode test
- 8) Which of the following would NOT be used to check for drive belt wear?
 - A) Groove color change
 - B) A tension gauge
 - C) A belt wear gauge
 - D) Belt deflection between two pulleys



- A) Alternator output voltage drop test
- B) Charging current test
- C) Alternator ground circuit test
- D) Battery voltage test
- 10) 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. Who is right?
- 10) _____

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

Answer Key

Testname: AT6_55B

1) C

Page Ref: 634

2) A

Page Ref: 633

3) A

Page Ref: 637

4) D

Page Ref: 636

5) C

Page Ref: 638

6) C

Page Ref: 642

7) A

Page Ref: 636

8) A

Page Ref: 634-635

9) A

Page Ref: 637

10) B

Page Ref: 638