

Name _____

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

- 1) What controls the operation of a pulse-wiper system? 1) _____
 - A) A resistor that controls current flow to the wiper motor
 - B) A solid-state (electronic) module
 - C) A variable speed gear set
 - D) A transistor

- 2) The horn switch on the steering wheel of a vehicle that uses a horn relay _____. 2) _____
 - A) sends electrical power to the horns
 - B) provides the ground circuit for the horn
 - C) grounds the control side of the relay
 - D) provides power (12 V) to the horn relay

- 3) To determine if a windshield wiper problem is electrical or mechanical, the technician should . 3) _____
 - A) Disconnect the linkage from the windshield wiper motor and operate the windshield wiper
 - B) Check to see if the fuse is blown
 - C) Check the condition of the wiper blades
 - D) Check the washer fluid for contamination

- 4) Power seats use a(n) _____ to move the seats. 4) _____
 - A) lever
 - B) large solenoid
 - C) PM electric motor
 - D) springs

- 5) How is the panel of a sunroof opened and closed? 5) _____
 - A) With a reversible PM motor
 - B) By way of vacuum actuators
 - C) With a handle and cables
 - D) None of these

- 6) Remote start systems include what restriction that could prevent the engine from being started? 6) _____
 - A) The remote is inside the vehicle
 - B) The distance away from the vehicle exceeds the range of the transmitter
 - C) The doors are not locked
 - D) Any of these

- 7) All of these could cause the wiper motor to run but NOT move the wipers, EXCEPT _____. 7) _____
 - A) stripped gears in the gearbox
 - B) loose or separated motor-to-gearbox connection
 - C) loose linkage to the motor connection
 - D) poor ground connection at the wiper switch

- 8) When checking the operation of a rear window defogger with a voltmeter, _____. 8) _____
- A) the voltmeter should be set to read AC volts
 - B) the voltmeter should read close to battery voltage anywhere on the grid
 - C) voltage should be available anytime at the power side of the grid because the control circuit just completes the ground side of the grid circuit
 - D) the voltmeter should indicate decreasing voltage when the grid is tested across the width of the glass
- 9) In most recent model vehicles, the horn button is an input to the _____, which then activates the horn circuit. 9) _____
- A) horn relay
 - B) instrument cluster
 - C) BCM
 - D) fuse controller
- 10) A bidirectional scan tool allows the technician to run the wiper motor forward and backwards. 10) _____
- A) True
 - B) False

Answer Key

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1) B

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2) C

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3) A

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4) C

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5) A

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6) D

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7) D

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8) D

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9) C

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10) B

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