

Name _____

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

- 1) How do CAN H and CAN L operate? 1) _____
A) CAN H is at 2.5 volts when not transmitting
B) CAN L is at 2.5 volts when not transmitting
C) CAN H goes to 3.5 volts when transmitting
D) All of the above are correct

- 2) Which terminal of the data link connector does General Motors use for Class 2 communication? 2) _____
A) 1
B) 2
C) 3
D) 4

- 3) Which terminal of the OBD-II data link connector is the chassis ground for all vehicles? 3) _____
A) 4
B) 5
C) 1
D) 3

- 4) A DMM set to read DC volts is connected across terminals 6 and 14 of the DLC. The meter reads zero volts at all times, key on or key off. This indicates _____. 4) _____
A) A CAN BUS shorted to ground
B) A low temperature condition
C) Headlights are OFF
D) Bad UART output

- 5) When checking the terminating resistors of a CAN with an ohmmeter a good reading is _____ ohms. 5) _____
A) 120
B) 240
C) 4.6
D) 60

- 6) The UART data BUS operates at a baud rate of _____ bps. 6) _____
A) 5543
B) 8211
C) 8192
D) 8182

- 7) Low-speed networks operate at less than _____ bits per second. 7) _____
A) 2,000
B) 5,000
C) 10,000
D) 8,000

- 8) Technician A says that Chrysler OBD-I (1981-1995) vehicles were equipped with a BUS system called Serial Communications Interface (SCI). Technician B says that the Chrysler Programmable Controller Interface (PCI) is a three-wire communication protocol that connects at the OBD-II DLC at terminal 2. Who is right? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both A and B
 - D) Neither A nor B
- 9) Two technicians are measuring the resistance of the CAN bus at DLC terminals 6 and 14. The DVOM reads 120 ohms. Technician A says that the CAN bus is OK. Technician B says that the CAN bus is shorted. Who is right? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both A and B
 - D) Neither A nor B
- 10) Technician A says that a CANDi module will flash the RED LED rapidly if communication is detected. Technician B says that a twisted pair is where two wires are twisted to prevent electromagnetic radiation from affecting the signals passing through the wires. Who is right? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both A and B
 - D) Neither A nor B

Answer Key

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1) D

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2) B

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3) A

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4) A

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5) D

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6) C

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7) C

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8) A

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9) D

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10) B

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