

Name _____

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

- 1) The UART data BUS operates at a baud rate of _____ bps. 1) _____
A) 5543
B) 8211
C) 8192
D) 8182

- 2) The process of sending multiple signals of information at the same time over a signal wire and then separating the signals at the receiving end is called _____. 2) _____
A) controller area network
B) multiplexing
C) modulating
D) rectifying

- 3) A data bus is being checked for voltage activity. Both the DMM and the oscilloscope show a constant zero volts with the key on or off. This indicates _____. 3) _____
A) a sleeping module
B) the data line is shorted to ground
C) normal activity
D) none of these

- 4) A data line has been diagnosed as being shorted to ground. Which of these would be the next step in diagnosing this problem? 4) _____
A) Unplug modules one at a time and re-test the data line.
B) Disconnect the battery and then test the data line.
C) Replace the BCM.
D) Replace the alternator.

- 5) Terminal 16 of the OBD-II data link connector is used for what? 5) _____
A) Chassis ground
B) 12 volts positive
C) Module (signal ground)
D) Manufacturer 's discretion

- 6) GM Class 2 communication toggles between _____. 6) _____
A) 5 and 7 volts
B) 0 and 12 volts
C) 7 and 12 volts
D) 0 and 7 volts

- 7) A module is also known as a _____. 7) _____
A) BUS
B) node
C) terminator
D) resistor pack

- 8) Which terminal of the data link connector does General Motors use for Class 2 communication? 8) _____
- A) 1
 - B) 2
 - C) 3
 - D) 4
- 9) Network diagnosis is being discussed. Technician A says that a test light can be used at the DLC to determine if the CAN bus has activity. Technician B says that a break-out box can be used to determine if there is activity on the CAN bus. Who is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians are correct
 - D) Neither technician is correct
- 10) Which of these, commonly called D2B, is an optical BUS system connecting audio, video, computer and telephone components in a single-ring structure with a speed of up to 5,600,000 bps? 10) _____
- A) Flexray BUS
 - B) CAN Network
 - C) GMLAN
 - D) Domestic Digital BUS

Answer Key

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1) C

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2) B

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3) B

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4) A

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5) B

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6) D

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7) B

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8) B

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9) B

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10) D

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