

Name \_\_\_\_\_

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

- 1) A module is also known as a \_\_\_\_\_. 1) \_\_\_\_\_
  - A) BUS
  - B) Node
  - C) Terminator
  - D) Resistor pack
  
- 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 of these is a version of Byteflight and is a high-speed serial communication system for in-vehicle networks? 3) \_\_\_\_\_
  - A) Flexray BUS
  - B) CAN Network
  - C) GMLAN
  - D) Domestic Digital BUS
  
- 4) Which terminal of the OBD-II data link connector is the signal ground for all vehicles? 4) \_\_\_\_\_
  - A) 1
  - B) 3
  - C) 4
  - D) 5
  
- 5) CAN H and CAN L operate how? 5) \_\_\_\_\_
  - 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
  
- 6) The UART data BUS operates at a baud rate of \_\_\_\_\_ bps. 6) \_\_\_\_\_
  - A) 5543
  - B) 8211
  - C) 8192
  - D) 8182
  
- 7) Technician A says that module communications networks are used to reduce the number of wires in a vehicle. Technician B says that a communications network is used to share data from sensors, which can be used by many different modules. Who is right? 7) \_\_\_\_\_
  - A) A only
  - B) B only
  - C) Both A and B
  - D) Neither A nor B

- 8) UART uses a \_\_\_\_\_ signal that toggles between 0 volts and \_\_\_\_\_. 8) \_\_\_\_\_
- A) 5 volts
  - B) 7 volts
  - C) 8 volts
  - D) 12 volts
- 9) Which of these is a single-wire serial communications protocol, using one master control module and many slave modules? 9) \_\_\_\_\_
- A) GMLAN
  - B) Motorola Interconnect (MI)
  - C) Media Oriented System Transport (MOST)
  - D) Flexray BUS
- 10) 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 \_\_\_\_\_. 10) \_\_\_\_\_
- A) A CAN BUS shorted to ground
  - B) A low temperature condition
  - C) Headlights are OFF
  - D) Bad UART output

## Answer Key

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1) B

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2) B

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3) A

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4) D

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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) B

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10) A

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