

Name _____

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

- 1) 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. Which technician is correct? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 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, commonly designated 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? 3) _____
A) Flexray BUS
B) CAN Network
C) GMLAN
D) Domestic Digital BUS
- 4) How do CAN H and CAN L operate? 4) _____
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
- 5) An OBD-I Ford is able to provide engine serial data if there are terminals in which cavities of the DLC? 5) _____
A) 1 and 2
B) 1 and 3
C) 2 and 6
D) 2 and 4
- 6) 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 which of these? 6) _____
A) Controller Area Network
B) Multiplexing
C) Modulating
D) Rectifying

- 7) UART uses a _____ signal that toggles 0. 7) _____
A) 5-volt
B) 7-volt
C) 8-volt
D) 12-volt
- 8) GM Class 2 communication toggles between _____. 8) _____
A) 5 and 7 volts
B) 0 and 12 volts
C) 7 and 12 volts
D) 0 and 7 volts
- 9) 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. Which technician is correct? 9) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 10) Terminal 16 of the OBD-II data link connector is used for what? 10) _____
A) Chassis ground
B) 12 volts positive
C) Module (signal ground)
D) Manufacturer's discretion

Answer Key

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1) C

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2) B

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3) D

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4) D

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5) B

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6) B

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7) A

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8) B

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9) D

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10) B

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