Automotive Technology 6th Edition Ch 49: CAN and Network Communications Quiz 49A MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question. 1) Which terminal of the data link connector does General Motors use for Class 2 communication? 1) _____ A) 1 B) 2 C) 3 D) 4 2) Which of these, commonly called D2B, is an optical BUS system connecting audio, video, 2) _____ computer and telephone components in a single-ring structure with a speed of up to 5,600,000 bps? A) Flexray BUS B) CAN Network C) GMLAN D) Domestic Digital BUS 3) A module is also known as a _____. A) BUS B) node C) terminator D) resistor pack

4) Which terminal of the OBD-II data link connector is the chassis ground for all vehicles? A) 4 B) 5 C) 1 D) 3 5) A data line has been diagnosed as being shorted to ground. Which of these would be the next 5) ____ step in diagnosing this problem? 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. 6) Low-speed networks operate at less than _____ bits per second. 6) _____ A) 2,000 B) 5,000 C) 10,000 D) 8,000

7) 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 A) controller area network B) multiplexing C) modulating D) rectifying	7)
8) Which of these is a version of Byteflight that is a high-speed serial communication system for in-vehicle networks? A) Flexray BUS B) CAN Network C) GMLAN D) Domestic Digital BUS	8)
9) A high-speed CAN BUS communicates with a scan tool through which terminals? A) 6 and 14 B) 2 and 5 C) 7 and 15 D) 4 and 16	9)
 10) Which of these is a single-wire serial communications protocol, using one master control module and many slave modules? A) GMLAN B) Motorola Interconnect (MI) C) Media Oriented System Transport (MOST) D) Flexray BUS 	10)

Answer Key

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- 1) B
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- 2) D
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- 3) B
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- 4) A
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- 5) A
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- 6) C
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- 7) B
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- 8) A
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- 9) A
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- 10) B
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