

Automotive Technology 7th Edition
Chapter 46: CAN and Network Communications
Short Answer Quiz

Name: _____ Date: _____

1. Explain the role of the body control module when the driver depresses the window-down switch.

2. Describe the advantages of connecting modules together in a network in vehicles.

3. What is the significance of a "twisted pair" in network communications, and why is it used?

4. Explain the difference between "message-based" and "address-based" in the context of the CAN protocol.

5. How does the module communication system help in reducing the complexity of vehicle wiring and servicing?

Name: _____ Date: _____

6. Describe the primary features of the CAN protocol and its significance in vehicle diagnostics.

7. What is the purpose of the terminating resistors in a high-speed BUS system?

8. Explain the difference between differential, parallel, and serial data types of BUS communication.

9. How does a gateway module function in the context of vehicle communications?

10. Describe the process of multiplexing in vehicle communications and its primary advantages.
