

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) Why are the two wires twisted if used for network communications?

2) What is the purpose of the terminating resistors?

3) What are U codes?

4) Why is a gateway module used?

5) Why is a communication network use

Answer Key

Testname: SHORT 49

- 1) Two wires are twisted to reduce electromagnetic interference (EMI).
Page Ref: 562
- 2) Terminating resistors are used to help reduce interference into other systems in the vehicle.
Page Ref: 573
- 3) U codes were at first undefined, but are now used to represent network communication-related diagnostic trouble codes (DTCs).
Page Ref: 568
- 4) A gateway module is responsible for communicating with other modules and acts as the main communication module for scan tool data.
Page Ref: 570; 574
- 5) A communication network is used to reduce the number of wires and circuits needed in a vehicle by allowing common sensor data to be shared by all modules that need the information.
Page Ref: 562