

Name _____

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

- 1) GMLAN is the General Motors term for which type of module communication? 1) _____
 - A) UART
 - B) Class 2
 - C) High-speed CAN
 - D) Keyword 2000

- 2) A module is also known as a _____. 2) _____
 - A) BUS
 - B) node
 - C) terminator
 - D) resistor pack

- 3) Terminal 16 of the OBD-II data link connector is used for what? 3) _____
 - A) Chassis ground
 - B) 12 volts positive
 - C) Module (signal ground)
 - D) Manufacturer 's discretion

- 4) 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 _____. 4) _____
 - A) a CAN BUS shorted to ground
 - B) a low temperature condition
 - C) headlights are OFF
 - D) bad UART output

- 5) Which of these is a version of Byteflight and is a high-speed serial communication system for in-vehicle networks? 5) _____
 - A) Flexray BUS
 - B) CAN Network
 - C) GMLAN
 - D) Domestic Digital BUS

- 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) GM Class 2 communication toggles between _____. 7) _____
 - A) 5 and 7 volts
 - B) 0 and 12 volts
 - C) 7 and 12 volts
 - D) 0 and 7 volts

- 8) Technician A says that a break-out box (BOB) used to access the BUS terminals while using a scan tool to activate the modules Technician B says that a typical 38-cavity diagnostic connector as found on many BMW and Mercedes vehicles under the hood. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 9) CAN H and CAN L operate how? 9) _____
- 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
- 10) Technician A says Chrysler OBD-I (1981-1995) vehicles were equipped with a BUS system called Serial Communications Interface (SCI). Technician B says 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? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

Answer Key

Testname: AEEP8_14B

1) C

Page Ref: 208

2) B

Page Ref: 203

3) B

Page Ref: 218

4) A

Page Ref: 216

5) A

Page Ref: 214

6) B

Page Ref: 204

7) D

Page Ref: 208

8) C

Page Ref: 214

9) D

Page Ref: 212

10) A

Page Ref: 211