

Name _____

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

- 1) A DMM set to read ohms is connected across terminals 6 and 14 of the DLC. The meter reads 60 ohms with the key off. This indicates _____. 1) _____
 - A) A CAN BUS shorted to ground
 - B) A normal condition
 - C) Headlights are OFF
 - D) Bad UART output

- 2) Which data set contains only two digits? 2) _____
 - A) Binary
 - B) Hexadecimal
 - C) Base 10
 - D) Volatile

- 3) The SAE term for the vehicle computer is _____. 3) _____
 - A) PCM
 - B) ECM
 - C) ECU
 - D) Controller

- 4) Computer speed is measured in _____. 4) _____
 - A) Baud rate
 - B) Clock speed (Hz)
 - C) Voltage
 - D) Bytes

- 5) The four basic computer functions include _____. 5) _____
 - A) Writing, processing, printing, and remembering
 - B) Input, processing, storage, and output
 - C) Data gathering, processing, output, and evaluation
 - D) Sensing, calculating, actuating, and processing

- 6) Which computer component generates a steady stream of one-bit long voltage pulses? 6) _____
 - A) Clock generator
 - B) Central processing unit
 - C) Volatile memory
 - D) Capacitor

- 7) Which term describes the speed of data transmission? 7) _____
 - A) Baud rate
 - B) Oscillator speed
 - C) Frequency
 - D) Pulse width modulation

8) A controller area network, or CAN, vehicle network system allows communications at speeds of 8) _____
_____.

- A) 125,000 to 1,000,000 bits per second
- B) 8192 bits per second
- C) 10 to 20 kilo bits per second
- D) 10,000 to 10,400 bits per second

9) Some CAN systems use pin number _____ and _____ in the DLC to communicate with 9) _____
the scan tool.

- A) 6, 14
- B) 4, 5
- C) 4, 16
- D) 5, 16

10) Which sensor is used to determine engine load? 10) _____

- A) MAP
- B) RPM
- C) TP
- D) ECT

Answer Key

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1) B

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2) A

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3) A

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4) B

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5) B

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6) A

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7) A

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8) A

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9) A

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10) A

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