

Name \_\_\_\_\_

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

- 1) Which data set contains only two digits? 1) \_\_\_\_\_  
A) Binary  
B) Hexadecimal  
C) Base 10  
D) Volatile
  
- 2) Which term describes the speed of data transmission? 2) \_\_\_\_\_  
A) Baud rate  
B) Oscillator speed  
C) Frequency  
D) Pulse width modulation
  
- 3) The "brain" of the computer is the \_\_\_\_\_. 3) \_\_\_\_\_  
A) PROM  
B) RAM  
C) CPU  
D) AD converter
  
- 4) Which term describes the process of manually adjusting variables such as speed, load, and spark timing to determine the optimum output settings for the computer? 4) \_\_\_\_\_  
A) Engine mapping  
B) Signal conditioning  
C) Performance programming  
D) Reflashing
  
- 5) Which item is a computer input sensor? 5) \_\_\_\_\_  
A) RPM  
B) Throttle position angle  
C) Engine coolant temperature  
D) All of the above
  
- 6) Which computer function describes how the computer handles inputs? 6) \_\_\_\_\_  
A) Process  
B) Input  
C) Storage  
D) Output
  
- 7) Which item is a computer output device? 7) \_\_\_\_\_  
A) Fuel injector  
B) Transmission shift solenoid  
C) Evaporative emission control solenoid  
D) All of the above

8) Which computer function is defined as a voltage signal from a sensor or switch? 8) \_\_\_\_\_  
A) Input  
B) Process  
C) Storage  
D) Output

9) Which component contains the information in the computer that is specific to the particular model vehicle? 9) \_\_\_\_\_  
A) PROM, EPROM, or EEPROM  
B) RAM  
C) Transistor  
D) Analog to digital converter

10) The SAE term for the vehicle computer is 10) \_\_\_\_\_  
A) PCM  
B) ECM  
C) ECU  
D) Controller

## Answer Key

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1) A

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2) A

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3) C

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4) A

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5) D

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6) A

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7) D

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8) A

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9) A

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10) A

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