

Name: _____ Date: _____

1. What unit of electricity is used as a signal for a computer?

- A. Volt
- B. Ohm
- C. Ampere
- D. Watt

2. Which of the following lists the four basic computer functions?

- 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

3. All OBD-II vehicles use what type of read-only memory?

- A. ROM
- B. PROM
- C. EPROM
- D. EEPROM

4. What is considered the “brain” of the computer?

- A. PROM
- B. RAM
- C. CPU
- D. AD converter

5. How is computer speed typically measured?

- A. Baud rate
- B. Clock speed (Hz)
- C. Voltage
- D. Bytes

6. Which of the following is a computer input sensor?

- A. RPM
- B. Throttle position
- C. Engine coolant temperature
- D. All of the above

7. Which item is a computer output device?

- A. Fuel injector
- B. Transmission shift solenoid
- C. Evaporative emission control solenoid
- D. All of the above

8. What is the SAE term for the vehicle computer?

- A. PCM
- B. ECM
- C. ECA
- D. Controller

9. What two actions can a vehicle computer actually perform (output)?

- A. Store and process information
- B. Turn something on or turn something off
- C. Calculate and vary temperature
- D. Control fuel and timing only

10. Analog signals from sensors are changed to digital signals for processing by the computer through which type of circuit?

- A. Digital
- B. Analog
- C. Analog-to-digital converter
- D. PROM

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Chapter 70

Multiple Choice Quiz A

Answer Key

1. A

2. D

3. C

4. B

5. B

6. D

7. D

8. A

9. B

10. C