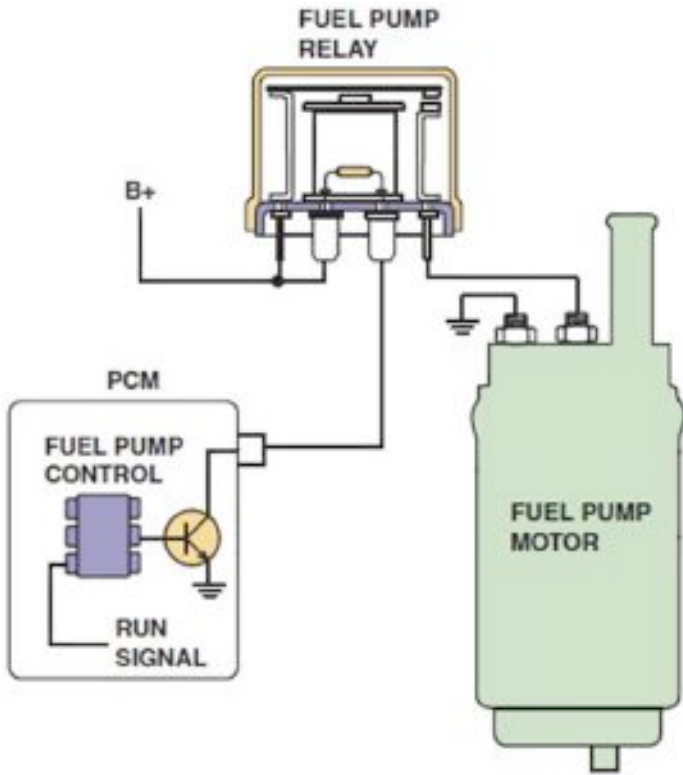


Name _____

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

- 1) What unit of electricity is used as a signal for a computer? 1) _____
A) Volt
B) Ohm
C) Ampere
D) Watt
- 2) All OBDII vehicles use what type of read-only memory? 2) _____
A) ROM
B) PROM
C) EPROM
D) EEPROM
- 3) The SAE term for the vehicle computer is _____. 3) _____
A) PCM
B) ECM
C) ECU
D) Controller

4) Refer to this diagram of a fuel pump control circuit. What type of a driver circuit is used in this circuit? 4) _____



- A) Low-side driver circuit
- B) High-side driver circuit
- C) PWM driver circuit
- D) Duty cycle driver circuit

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 function is defined as a voltage signal from a sensor or switch? 6) _____

- A) Input
- B) Process
- 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 term describes the process of manually adjusting variables such as speed, load, and spark timing to determine the optimum output settings for the computer? 8) _____

- A) Engine mapping
- B) Signal conditioning
- C) Performance programming
- D) Reflashing

9) Computer speed is measured in _____. 9) _____

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

10) Which computer component generates a steady stream of one-bit long voltage pulses? 10) _____

- A) Clock generator
- B) Central processing unit
- C) Volatile memory
- D) Capacitor