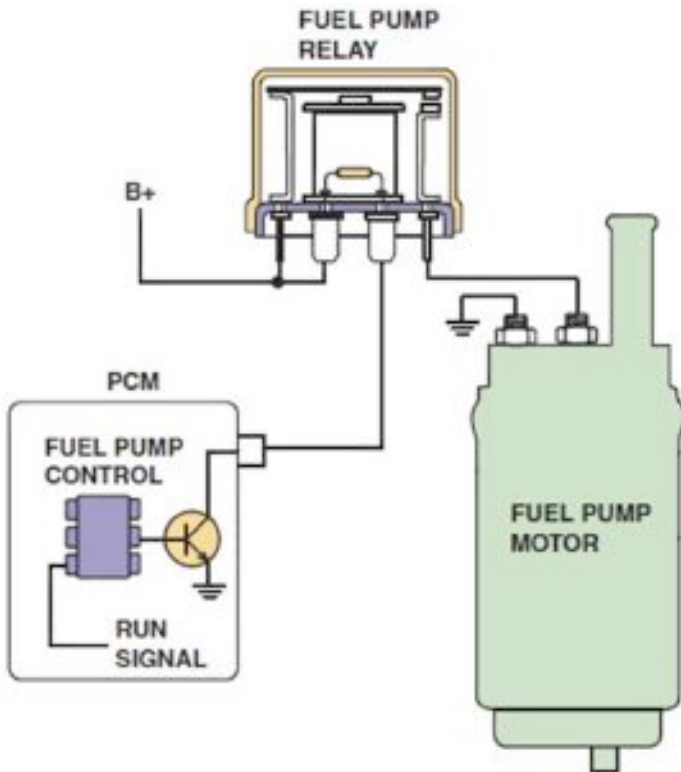


Name _____

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

1) Refer to this diagram of a fuel pump control circuit. What type of a driver circuit is used in this circuit? 1) _____



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

2) Which item is a computer output device? 2) _____

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

3) Which item is a computer input sensor? 3) _____

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

- 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 term describes the speed of data transmission? 5) _____
A) Baud rate
B) Oscillator speed
C) Frequency
D) Pulse width modulation
- 6) The throttle position sensor is an output component. 6) _____
A) True
B) False
- 7) Which sensor is used to measure manifold vacuum? 7) _____
A) MAP
B) RPM
C) TP
D) ECT
- 8) Which computer component generates a steady stream of one-bit long voltage pulses? 8) _____
A) Clock generator
B) Central processing unit
C) Volatile memory
D) Capacitor
- 9) The SAE term for the vehicle computer is _____. 9) _____
A) PCM
B) ECM
C) ECU
D) Controller
- 10) All OBDII vehicles use what type of read-only memory? 10) _____
A) ROM
B) PROM
C) EPROM
D) EEPROM