Name_____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What part of the vehicle computer is considered to be the brai

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2) What are four input sensors?

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3) How does using pulse-width modulation control devices?

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4) What is the difference between volatile and nonvolatile RAM?

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_____

5) What are four output devices?

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1) The CPU is the "brain" of the computer.
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2) Input sensors include: engine speed (RPM), MAP, MAF, ECT, O2S, TP, and vehicle speed.
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3) Pulse-width modulation (PWM) is a method of controlling an output using a digital signal. Instead of just turning devices on or off, the computer can control the amount of on-time.
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4) Volatile RAM means that the data is erased whenever the power is removed from the computer, whereas non-volatile RAM means that the data is retained when power is removed.
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5) Output devices include: fuel injection, ignition timing, transmission shifting, idle speed control, and evaporative emission control solenoids.
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