

Name _____

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

1) What are four output devices?

2) What is the purpose and function of the PCM?

3) How does an oxygen sensor detect oxygen levels in the exhaust?

4) What are four input sensors?

Answer Key

Testname: INTRO_SHORT29

- 1) Output devices include: fuel injection, ignition timing, transmission shifting, idle speed control, and evaporative emission control solenoids.
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- 2) The purpose and function of the PCM is to use input information from sensors and to operate actuators to control the fuel delivery and the ignition system plus control the operation of the transmission in many cases.
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- 3) An oxygen sensor detects oxygen in the exhaust by comparing the oxygen levels between the exhaust and the outside air.
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- 4) Input sensors include: engine speed (RPM), MAP, MAF, ECT, O2S, TP, and vehicle speed.
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