

ESSAY. Write your answer in the space provided or on a separate sheet of paper.

- 1) 2010 GMC Terrain, read the work order and address the issues stated. Show the instructor how you came to your conclusion and results. Explain what is needed to fix the car and why. Treat the instructor as if he is the customer that needs detailed explanations.

- 2) 350 Chevrolet Engine Stand: Use the voltmeter and PowerProbe Hook to perform a voltage drop on the charging, starting system. Record your results, explain to the instructor, and show how you came to your conclusion.

Starting system results Item Tested _____ Result _____ Tool used _____ Normal Opp Y/N _____

Starting system results Item Tested _____ Result _____ Tool used _____ Normal Opp Y/N _____

Charging system results Item Tested _____ Result _____ Tool used _____ Normal Opp Y/N _____

Charging system results Item Tested _____ Result _____ Tool used _____ Normal Opp Y/N _____

- 3) 2000 Chevrolet S-10 Truck: Read the work order and use the PowerProbe as your primary tool to diagnosis the problem. If needed you can use a Voltmeter. You must find and use a wiring diagram for this exercise and explain the correction to the problem using the wiring diagram to the instructor: Note your findings below and explain to the instructor how you came to the results.

- 4) Consult Lab Engine Stand: Hook up the scan tool and activate the Purge Solenoid. While activating it with the scan tool perform a voltage drop using a voltmeter and record your results. The instructor must see this action performed.

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

5) Show your instructor how to use and set up a Voltmeter and PowerProbe hook and 4 and what each setting is used for. 5) _____

A)

B)

C)

D)

Answer Key

Testname:

- 1)
- 2)
- 3)
- 4)
- 5) A