Wilf Csaplar Jr. Economics 280 Homework #1 **Due Friday 1/29**

Place your name on the back of this sheet of paper and nowhere else. Staple your answers on the front of this sheet of paper. Failure to follow these directions will cost you 1 point. Your assignment will be typed, except graphs can be drawn by hand and mathematical equations can be done by hand. Failure to type it will cost you 10 points. If you use double-sided printing or print on the back of scrap paper, I will give you one additional point.

The HP 10B and the TI BA II Plus are acceptable in all courses in the department. The former is the preferred calculator.

1) (10 points) Which part of my web page, http://mysite.bethanywv.edu/wcsaplar/ do you think will be most helpful? Why? Is anything missing that you would like to see? What is the URL for the first exam from this class during the last semester it was taught?

2) (10 points) Which part of the Department of Economics and Business's web page, http://www2.bethanywv.edu/~econ/ do you think will be most helpful? Why? Is anything missing that you would like to see? If you were a sophomore Business major, then what courses does the departmental web page suggest you be taking this semester?

3) (15 points) Suppose you were to borrow $10,000.00. You will pay it back over 20 years. (For ease, pretend you pay once a year at the end of the year.) You will be charged 7% interest. Set up the equation which will calculate your yearly payment. Do not solve the equation. Explain why you put those numbers in those places.

4) (5 points) If you go to the web page of the Department of Economics and Business, you will find the third line is purple and has a link to an Excel file. That file will help you calculate how much money your credit cards are costing you. (Note how long it takes to pay off the amount in the example.) There is a disclaimer on the "Combined Interest" column. Explain why that disclaimer is important.

5) (20 points) Illustrate an increase in the price of oil on the supply and demand for the services of FedEx. Explain why the curve(s) moved as drawn. What happens to the price and quantity sold?

6) (20 points) Illustrate an increase in population on the supply and demand for wheat. Explain why the curve(s) moved as drawn. What happens to the price and quantity sold?

7) (20 points) Illustrate an increase in the price of storm windows on the supply and demand for car windows. Explain why the curve(s) moved as drawn. What happens to the price and quantity of car windows sold?