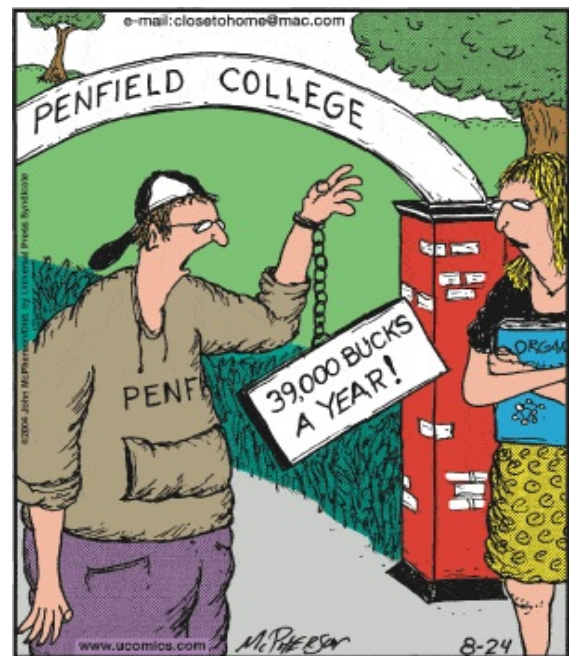


Place your name on the back of this sheet of paper and nowhere else. Staple your answers face up on the front of this sheet of paper. Failure to follow these directions will cost you 10 points. Your assignment will be typed, except graphs can be drawn by hand and mathematical equations can be done by 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.

1) (10 points) The news reporters normally try to be objective and make only positive statements (unless they are explicitly giving an opinion). However, there are decisions involved in the news broadcast which are inherently normative. Give an example and explain why it is a normative decision. Hint: I am looking for a decision which is being made when not giving an opinion.

2) (20 points) Assume the \$39,000 in the comic strip by John McPherson is the value of the opportunity costs of a year at Penfield College. If you were his father, what things would you have included in **calculating** the number? Note, I am asking how the father calculated the number – not the uses of the money. Therefore, do not say, “He could have bought a new car.” Explain your logic and include at least four costs. (More of his comics can be found at <http://www.closetohome.com/>.)



"My dad is making me wear this until I get my GPA over 2.2."

3) (20 points) Draw a PPF for cars and hats. Illustrate the effects of what is described in the news article about what is happening in the car industry. <https://pittsburgh.cbslocal.com/2021/08/20/computer-chip-shortage-and-auto-industry/> Explain why the curve moved as drawn.

4) (15 points) Draw a PPF for shirts and pants. Illustrate the effects of an extremely good crop of cotton. Explain why the curve moved as drawn.

5) (15 points) Draw a PPF for toilet paper and face masks. Illustrate what happened in March through May of 2020. Explain why the curve moved as drawn. This one is tricky. There is one wrong answer and at least three different correct answers. Make sure you explain your movement well.

6) (20 points) Draw the supply/demand for new cars. Illustrate the effects of people getting richer. Explain why the curve(s) moved as drawn. What happens to the price and quantity sold?