

Assignment #1

- 1) Chapter 3 of the book, titled “Population Control”, discusses various forms of birth control. Which one is not recommended for women who have never been pregnant and, in general, is considered most suitable for young women in mutually monogamous relationships who want no more children but are not ready for irreversible surgical sterilization? (5 points)
- 2) Which form of birth control do you think would be most effective in reducing unwanted pregnancies in a developing part of the world such as Rwanda? Why? (10 pts)
- 3) Chapter 4, titled “The People-Food Predicament”, discusses why it is preferable to eat foods that were produced close to your home. Discuss 3 reasons why this is the case. (10 pts)
- 4) Chapter 6, titled “Environmental Disease”, talks about several different human teratogens. Briefly discuss 3 of them. (10 pts)
- 5) According to our lecture, how many pounds of meat does the average American eat every year (2 points)? Also, how much of each of the following is involved in making a quarter-pound hamburger:
 - A) How many pounds of grains and forage? (2 points)
 - B) How many gallons for drinking water and irrigating feed crops? (2 points)
 - C) How many square feet for grazing and growing feed crops? (2 points)
 - D) How many BTUs for feed production and transport? (2 points)
- 6) Chapter 7, titled “Toxic Substances”, talks about a toxic substance that has been reduced by 80% in Americans’ blood. What is this substance and why does it still pose a problem in the United States. What segment of the population are we most concerned about with exposure to this substance (e.g., old people, young people, middle aged people, etc.). Why? (10 pts)
- 7) Chapter 2, titled “Population Dynamics”, talks about “Europe’s Demographic Dilemma”. What is this dilemma? (10 pts)
- 8) Google the definition of Environmental Health (or use several search engines) and pick a definition that is different than the one I defined in Lecture 1. State your definition and why you think your chosen definition is better or worse? (10 pts)
- 9) In the Week 3 Lecture, I discussed the 10 Greatest Public Health Achievements of the 20th Century. Which achievement (of the 10) do you think is the most important? Why? (10 pts)
- 10) According to the theory of “Demographic Transition”, what is the primary cause of rapid population growth? Which Phase do we see the population stabilize? Why? (10 pts)

11) Who predicted that huge societal problems would occur in the late 20th Century due to population growth and wrote Population Bomb in 1968? (5 points)