**Ch. 2 Population and Health**

***Key Issue 2 Why Is World Population Increasing?***

**Rubenstein, pp. 52-57**

**I. NATURAL INCREASE**

1. a. Define **natural increase rate (NIR)**:

b. Describe the **NIR**:

* + 1. through most of human history:
    2. it’s peak:
    3. current:

1. Because the world population it so large, even small increases to the **NIR**…
2. a. Define **doubling time**:

b. What is the current **doubling time**?

1. a. Define **life expectancy**:

b. How does **life expectancy** differ in developed verses developing countries?

1. a. Identify regions with high **NIRs**:

b. Possible causes?

1. a. Identify regions with low **NIRs**:

b. Possible causes?

1. a. Which region has a negative **NIR**?

b. In your own words, what does this mean?

1. The U.S. has an NIR of 0.6. Does that mean the doubling time is more than 54 years or less?

**II. BIRTHS AND DEATHS**

1. a. Define **crude birth rate (CBR)**:

b. Regions with high **CBRs**:

c. Regions with low **CBRs**:

d. Causes of high and low **CBRs**?

1. a. Define **crude death rate (CDR)**:

b. Regions with high and low **CDRs**?

1. Define **demography**:
2. a. Define **total fertility rate (TFR)**:

b. **TFR** needed to maintain the same size of population:

\*\*Think! Why this number?

c. World **TFR**:

d. U.S. **TFR**:

e. Regions with high **TFRs**:

f. Regions with low **TFRs**:

\*\*Make sure to understand the difference between **CBR** and **TFR**!

**III. THE DEMOGRAPHIC TRANSISTION MODEL**

*Define the following terms. Otherwise, you do not need to take notes on this section as we will cover it in detail in class.*

1. **Demographic transition** –
2. **Industrial Revolution** –
3. **Medical Revolution** –
4. **Zero population growth (ZPG)** –