CT # 1-2 & 3

Value = 70 points

For Students with ID numbers ending in “2” or “3”

You must have your Student ID number on your paper to be graded

You must have the Question Number on your paper to be graded

For this first paper, we are going to take on the issue of Population.

As you know from lecture, the global population estimate for 2100 has been raised from nine billion to eleven billion (recall that we now have about 7.5 billion) This is by far the biggest issue facing humanity in the 21st century.

**You are going to investigate the formula I=PAT, where I = Impact; P=Population; A=Affluence; and T=Technology.**

1-4 Affluence is the biggest problem facing humanity. As people gain wealth

they live more profligate lifestyles, squandering resources.

VS

Affluence is the driving force for innovation. As people have more disposable income, they demand better products.

* 1. Affluence is a major cause of discontent in the world. “Jonesing” or “keeping up with the Jones” causes discontent and discord, and is the root of revolutions, theft, and violence.

VS

Affluence gives poor people something to strive for. They can see how other have succeeded it, and believe they can too. The “American Dream” is alive and well.

* 1. Affluence causes divisiveness among countries. The technologically poor but resource rich countries feel that colonialism is alive and well and that rich countries are sucking the lifeblood out of their poor country.

VS

Affluence actually brings countries together to form coalitions to solve problems. It is the affluent countries that are driving the reduction of fossil fuel burning for example. And the affluent countries help the poor countries meet these global challenges.