BIOLOGY 0861 CHAPTER 3-1 ECOLOGY

1. What is ecology?

2. Which grouping consists of more interdependence and interactions: populations or

communities? Why?

3. Identify two ways in which you interact everyday with each of the three parts of the

biosphere - land, water and air.

4. What is the relationship between autotrophs, heterotrophs and decomposers?

5. What is another name for decomposers? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. What is the significance of chemosynthesis?

7. Draw out the interaction between the following: consumers, producers, decomposers,

herbivores, carnivores, omnivores, chemical energy and the sun.