

BIOLOGY – PROBLEM SET

CHAPTER 3: THE BIOSPHERE

CHAPTER 4: ECOSYSTEMS AND COMMUNITIES

CHAPTER 5: POPULATIONS

CHAPTER 6: HUMANS IN THE BIOSPHERE

1. *Identify* and *describe* two specific examples of levels of organization that relate to a topic in chapters 3 and 4. [2 points]
2. *Identify, describe, and draw* one example of a structure-function relationship OR a lock-and-key fit that relates to a topic in chapters 3 and 4. [3 points]
3. *Identify, describe, and draw* one example of surface area to volume ratio that relates to a topic in chapters 3 and 4. [3 points]
4. *Identify* and *describe* one example of matter or energy that relates to a topic in chapters 3 and 4. [2 points]
5. *Identify* and *describe* one example of evolution that relates to a topic in chapters 3 and 4. [2 points]
6. *Describe* and *interpret* the meaning of the following chart: [3 points]

