**Marine Biology**

**Assignment for Chapter 2 and 5**

1. What does abiotic mean?
2. What are 3 abiotic factors that affect the distribution of organisms in an ecosystem?
3. Describe the 3 main types of symbiotic relationships found in nature.
4. Why are there fewer organisms in the ocean’s depths?
5. Matching
   1. \_\_\_\_\_ Benthic Zone
   2. \_\_\_\_\_ Photic Zone
   3. \_\_\_\_\_ Neritic Zone
   4. \_\_\_\_\_ Abyssal Zone
   5. \_\_\_\_\_ Disphotic Zone
      1. The area composed of the water that lies over the continental shelf.
      2. The region of the water column that receives sunlight but not enough to power photosynthesis.
      3. The ocean bottom.
      4. The region of the water column that receives enough sunlight to power photosynthesis.
      5. The region of the ocean bottom at depths of4,000 to 6,000 meter.
6. What is a prokaryotic cell?
7. What is a eukaryotic cell?
8. What are the 4 macromolecules found in living things?
9. Are bacteria prokaryotic or eukaryotic cells?
10. What is evolution?
11. What are the 3 domains of life?