Chapter 5

1. What is the importance of the Sea Otter as a keystone species?  What human activity is causing a problem to the Sea Otter?
2. How does the Warbler “share the wealth” by resource partitioning?
3. Give some examples of animals that exhibit parasitism, mutualism, commensalism.
4. What is the formula for population change?
5. What is the limiting factor principle?  List some examples of limiting factors.
6. Why do the California sea otter face an uncertain future? List at least 2 reasons.
7. Give some examples of environmental resistance.
8. How has the white tailed deer become a problem?  The deer tick found on their body also carries a disease called? How can we solve the problem?
9. How are the reproductive patterns of small animals like mice and flies different from large animals like elephants and whales population?
10. Give examples of density- dependent population. Density independent population.
11. Give some examples of how humans have experienced nature’s population control.
12. Distinguish between primary and secondary succession.  In primary succession what is a pioneer species?
13. How do species replace one another in ecological succession?