Bio Ch 18 review Introduction to Ecology

1. Define ecology and interdependence.
2. What are the eight levels of organization?
3. What is the difference between abiotic and biotic factors and give two examples each?
4. Distinguish between the two methods of escaping from unsuitable conditions and give two pros and cons for each.
5. Define niche.
6. What are the two methods of being a producers and what are the four types of consumers.
7. Where is all the biomass in a trophic pyramid versus the least biomass and why?
8. What are the four biogeochemical cycles?
9. Describe why a food web is a more complete picture of the feeding relationships in an ecosystem that a food chain is.
10. Compare the transfer of energy with the transfer of nutrients in an ecosystem.