

## Chapter 1, Sections 3-5 Study Guide Answers

(all vocabulary can be found in the glossary)

10. What is a river system? - a river and all its tributaries
11. How do lake and ponds form? - when water collects in hollows and low-lying areas of land
12. What changes can occur in a lake? -
  - seasonal changes (mixing of cooler water as it sinks called lake turnover. supplies nutrients throughout the lake)
  - Long term changes – eutrophication – buildup of excess nutrients in the lake, causes excess algae growth
13. What are common types of freshwater wetlands? - marshes, swamps, and bogs
14. Human activities that threaten the everglades – agriculture, development, introduction to new species
15. Functions of wetlands – rich supply of nutrients, habitat, natural filters, flood control
18. How does water move through underground layers of soil and rock - gravity causes water to trickle down between the soil and through cracks and spaces in layers of rock.
19. How do people obtain water from an aquifer - drilling a well below the water table