



3. Draw a graph of the relationship between density and temperature of water. Show temperature on the x-axis and density on the y-axis. Include the temperature of maximum density and the approximate density of ice. (5)

4. Describe the sources, ecological consequences for algae, and fish, and solutions to acid precipitation (10).

5. Describe how tectonic movements, glaciers, and rivers form lakes (10).

6. How does channelization and damming alter flooding damage, and ecology of river systems (10)?



9. Describe the River Continuum Concept with regard to sources of carbon, insect functional feeding groups, P/R ratios, and fish as a function of stream order (10)

10. Contrast the food webs in streams, lakes, wetlands, and groundwater (10)

11. What are the causes of eutrophication in lakes, give 4 reasons it is undesirable, and how it may be fixed (10)?

Have a great break!