Cycling of Matter

**Content Standard:**
Explain a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.

**Task:**
Answer the essay question.

**Essay:**
Water is important for all living organisms. A.) **Discuss** the role of water in the carbon cycle. B.) **Discuss** the impact of one human activity on the water cycle. C.) **Sketch** a diagram of the carbon cycle and the water cycle, noting the connections between the two. (5 points for sections a and b, 10 points for section c, for a total of 20 points).