

Name _____

AP BIOLOGY EXAM TWO

FREE RESPONSE QUESTION

Water is important for all living organisms. The functions of water are directly related to its physical properties.

(a) **Describe** how the properties of water contribute to TWO of the following.

- transpiration
- thermoregulation in endotherms
- plasma membrane structure

(b) Water serves as a reactant and a product in the carbon cycle. **Discuss** the role of water in the carbon cycle.

(c) **Discuss** the impact of one human activity on the water cycle.