Unit Summary Questions:

* + 1. What is the structure and function of the four major macromolecules?
    2. How do the properties of water contribute to the maintenance of cells and living organisms?
    3. What is the role of enzymes in cell chemistry?
    4. How do enzymes carry out their function?
    5. What are similarities and differences between autotrophic and heterotrophic cells?
    6. How is the process of photosynthesis carried out?
    7. How is the process of respiration carried out?
    8. What are the similarities and differences between photosynthesis and respiration?
    9. How are cells produced from existing cells?
    10. What is the cell theory and how was the theory developed?
    11. How are materials transported in and our cells to enable the cell to maintain homeostasis?
    12. What is the relationship between the organelles in a cell and the functions of that cell?
    13. What is the function of the following organs: (*heart, lungs, skin, leaf, stem, root, ovary, xylem, phloem*)
    14. What is the relationship between the structure and function of organs in one organism to the structure and function of organs in another organism?
    15. What is the relationship between an organ and an organ system?
    16. What is the structure and function of the following organ systems: (*digestion, respiration, circulation, nervous*)
    17. What is the relationship between the tissues that make up organs and the structure and function of the organ?