

Essays for Unit #1

1. Enzymes are biological catalysts.
 - a. Describe the catalytic cycle of an enzyme.
 - b. Explain three ways that a cell's chemical and physical environment affects enzyme activity.

2. Describe the seven properties of life.
Explain the biological organization of structural levels.

3. Describe the four macromolecules in detail. Discuss types, subunits, and provide an example for each category of macromolecule

4. Describe the seven types of proteins; include functions and provide an example.