Choose the alternative that best completes the statement or answers the question.

1. Macromolecules are synthesized (assembled) in ____________ reactions.
   A. catabolic   B. hydrolysis   C. dehydration   D. denaturation   E. radioactive

2. Macromolecules that store hereditary information are called

3. Proteins contain monomers (building blocks) known as

4. What is the general function of enzymes within a cell?
   A. to promote the synthesis of monomers
   B. to stop chemical reactions
   C. to speed up chemical reactions
   D. to reverse the direction of chemical reactions
   E. to provide structural support for the cell

5. Which of the following lists contains only polysaccharides?
   A. sucrose, starch, and cellulose
   B. starch, amino acids, and glycogen
   C. cellulose, starch, and glycogen
   D. nucleotides, glycogen, and cellulose
   E. fructose, cellulose, and glucose

6. Many names for sugars end in the suffix

7. A shortage of phosphorus in the soil would make it especially difficult for a plant to manufacture
   A. DNA   B. proteins   C. cellulose   D. fatty acids   E. sucrose

8. Which one of the following contains a carboxyl and an amino group?
   A. amino acids   B. fats   C. sugars   D. ATP   E. vinegar

9. A major type of lipid found in cell membranes is

10. Fatty acids with double bonds between some of their carbons are said to be
    A. unsaturated.
    B. saturated.
    C. completely hydrogenated.
    D. triglycerides.
    E. monoglycerides.