1. Enzymes are a type of ____ and are made up of one or more polypeptides.

2. Polypeptides are polymers of ____ monomers.

3. What are the primary structure, secondary structure, tertiary structure, and quaternary structure of a protein? (see chapter 5)

4. DNA and RNA are ___ and are polymers of ___

5. Each monomer consists of three parts. What are they? Which parts form the backbone?

6. The single-ring pyrimidines are ___ and ___; the double-ring purines are ___ and ___

7. The bases that form two hydrogen bonds together are ___ and ___; the bases that form three hydrogen bonds together are ___ and ___

8. What are the two component differences between DNA and RNA?

9. What does "double helix" mean?

10. What pairs of bases form the rungs of the DNA ladder?

11. What kind of bonds hold the rungs of the DNA ladder together?