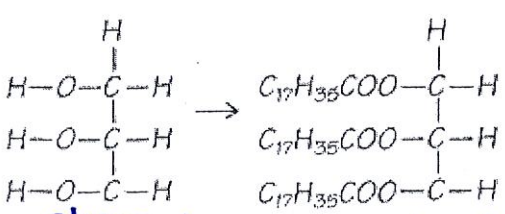
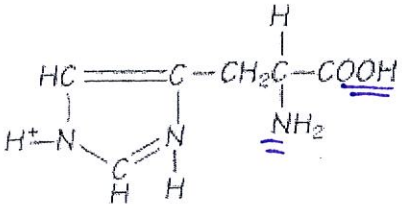
Key

Part B. **Carbohydrate, lipid, protein, or nucleic acid? Name that structure!** Ch 5 Name That Structure

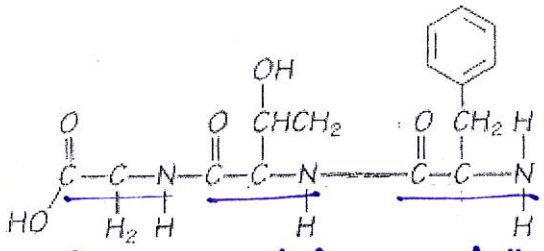
Based on the rules you developed in Part A, identify the compounds below (and on the following page) as carbohydrates, lipids, amino acids, polypeptides, or nucleic acids.

1) $C_{17}H_{35}COOH$ + 

fatty acid — glycerol — lipid

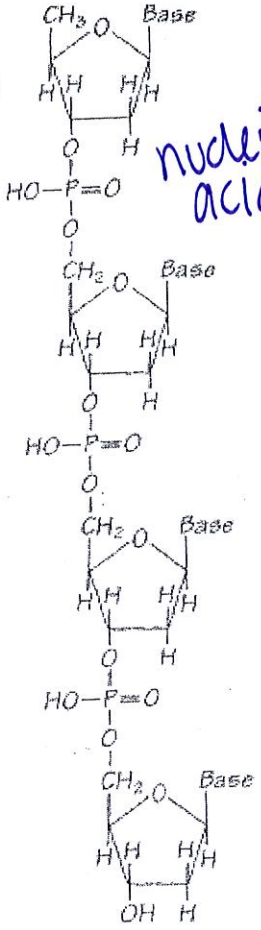
2) 

amino acid

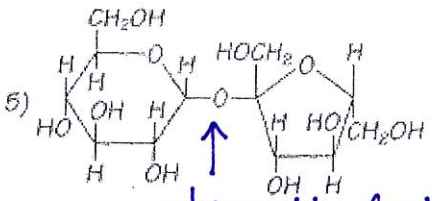
3) 

polypeptide

amino acid — A.A. — A.A

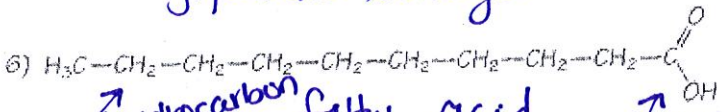
4) 

nucleic acid

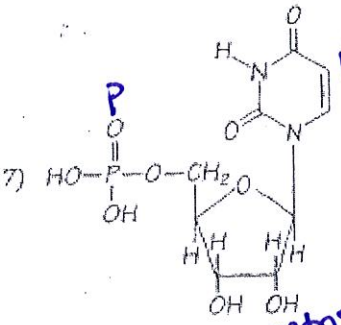
5) 

disaccharide

glycosidic linkage

6) 

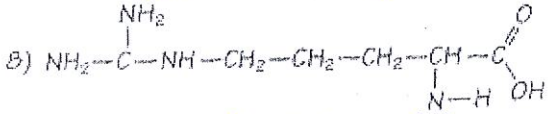
hydrocarbon chain — fatty acid — carboxyl

7) 

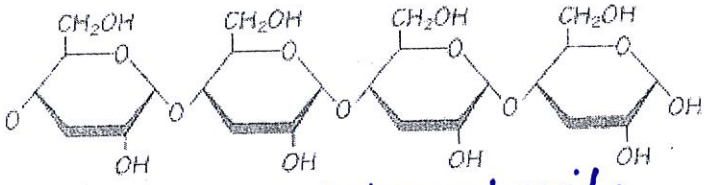
Nitrogen Base

nucleotide

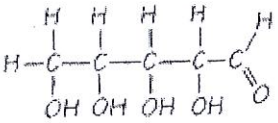
pentose sugar

8) 

amino acid

9) 

polysaccharide

10) 

monosaccharide