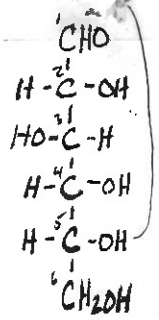
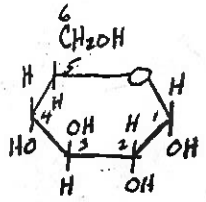
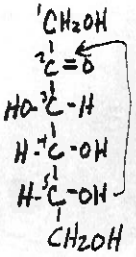
STRUCTURES OF MAJOR BIOLOGICAL MOLECULES

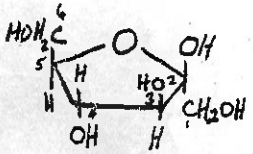




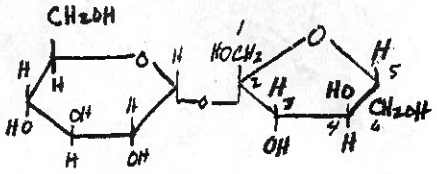
α-D-GLUCOSE

CARBOHYDRATES

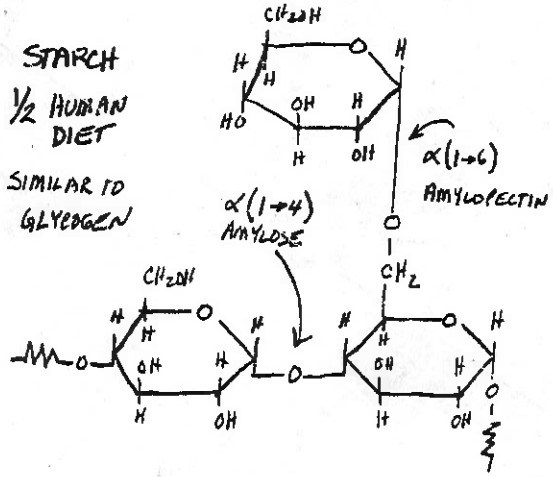




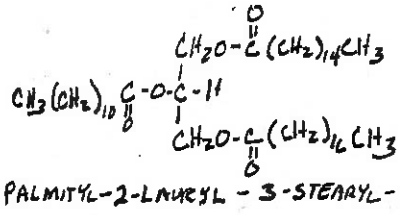
β-D-FRUCTOSE



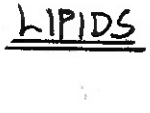
SUCROSE
(GLUCOSE - α(1→2)-FRUCTOSE)



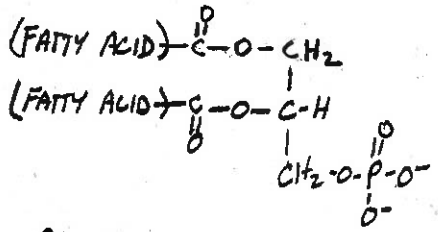
LIPIDS



1-PALMITYL-2-LAURYL-3-STEARYL-GLYCEROL

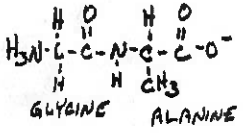


(GLYCEROL)

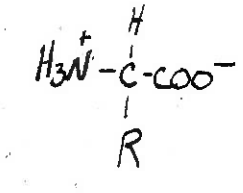


PHOSPHOGLYCERIDE

PROTEINS



GLYCINE ALANINE

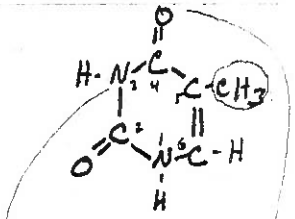


AMINO ACID

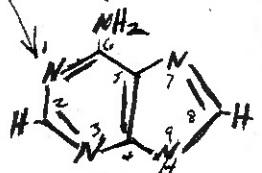
R = -H; GLYCINE

R = -CH₂-⬡; PHENYLALANINE

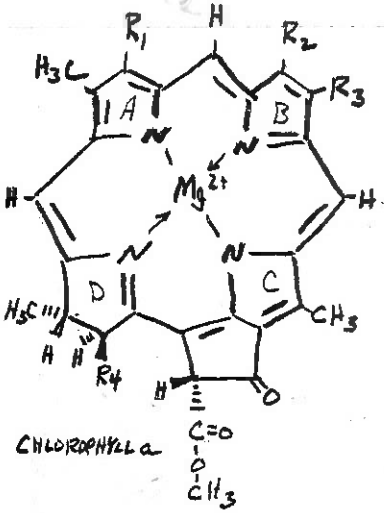
NUCLEIC ACIDS



THYMINE (PYRIMIDINE)

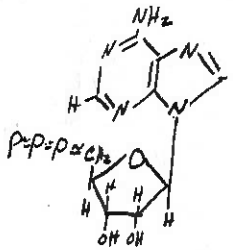


ADENINE (PURINE)

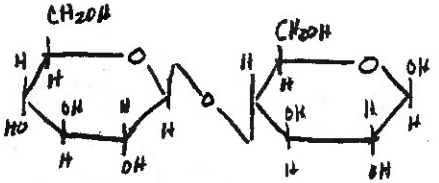


PORPHYRINS

ALSO, CYTOCHROME W/ Fe^{3+}

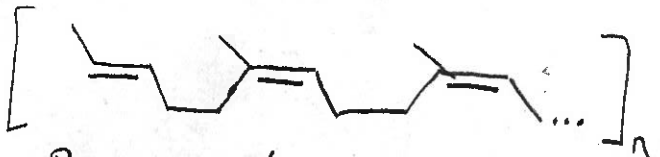


ADENOSINE TRIPHOSPHATE (ATP)

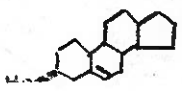


CELLULOSE (β(1→4))

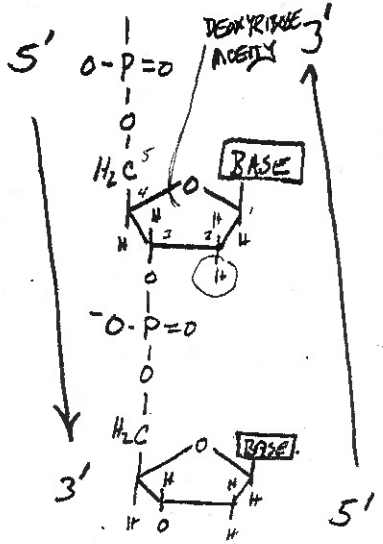
SECONDARY PRODUCTS



POLYTERPENE (RUBBER) - LIKE STEROID



(CHOLESTEROL)



STRUCTURE OF DNA