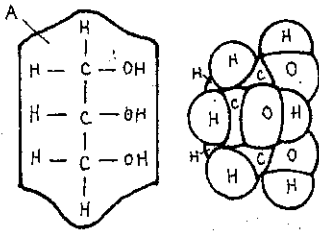
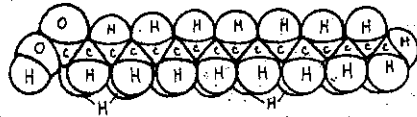
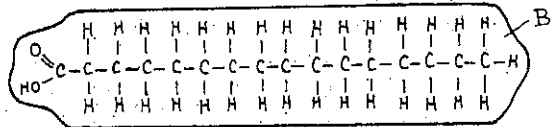


LIPIDS.

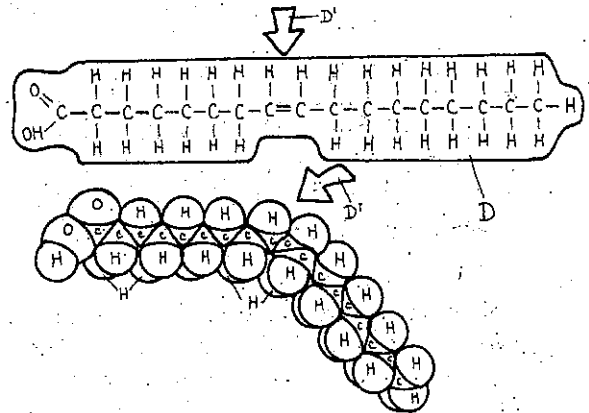
GLYCEROL
PROJECTION FORMULA.
SPACE-FILLING MODEL.
CARBON: C
HYDROGEN: H
OXYGEN: O



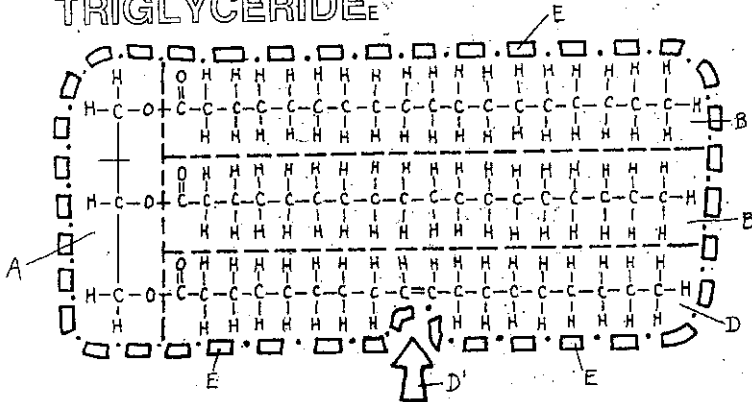
SATURATED FATTY ACID
PROJECTION FORMULA.
SPACE-FILLING MODEL.



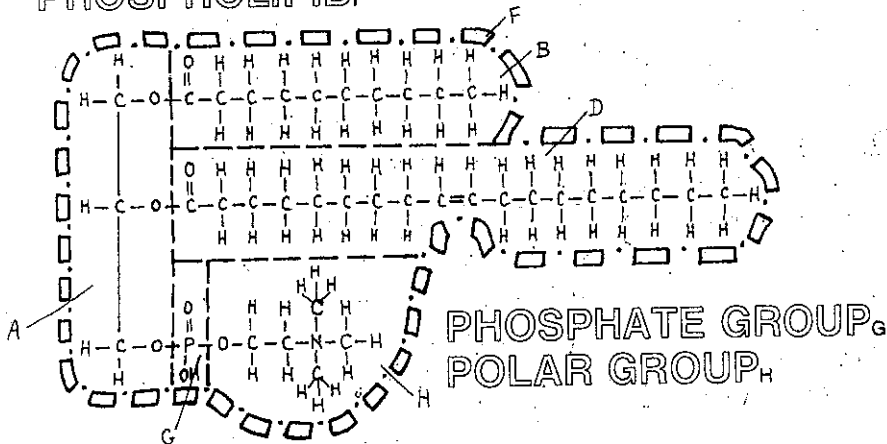
UNSATURATED FATTY ACID.
CARBON DOUBLE BOND.



TRIGLYCERIDE



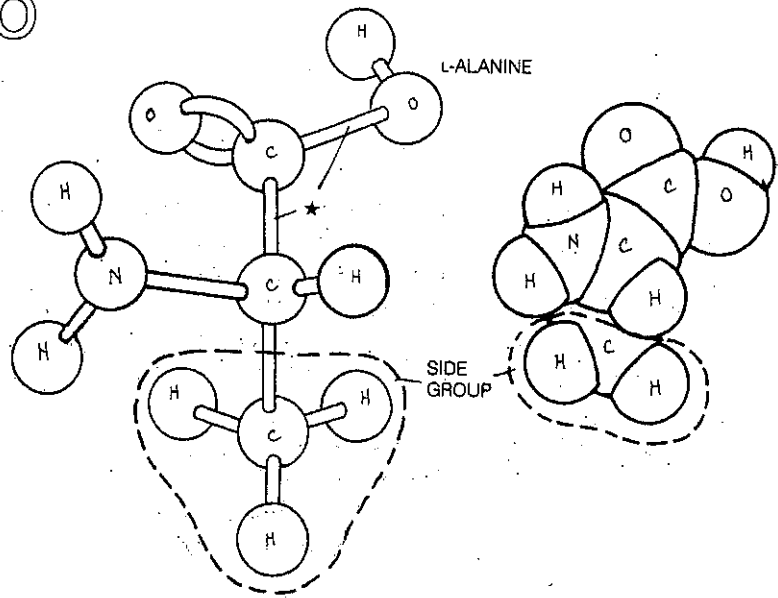
PHOSPHOLIPID



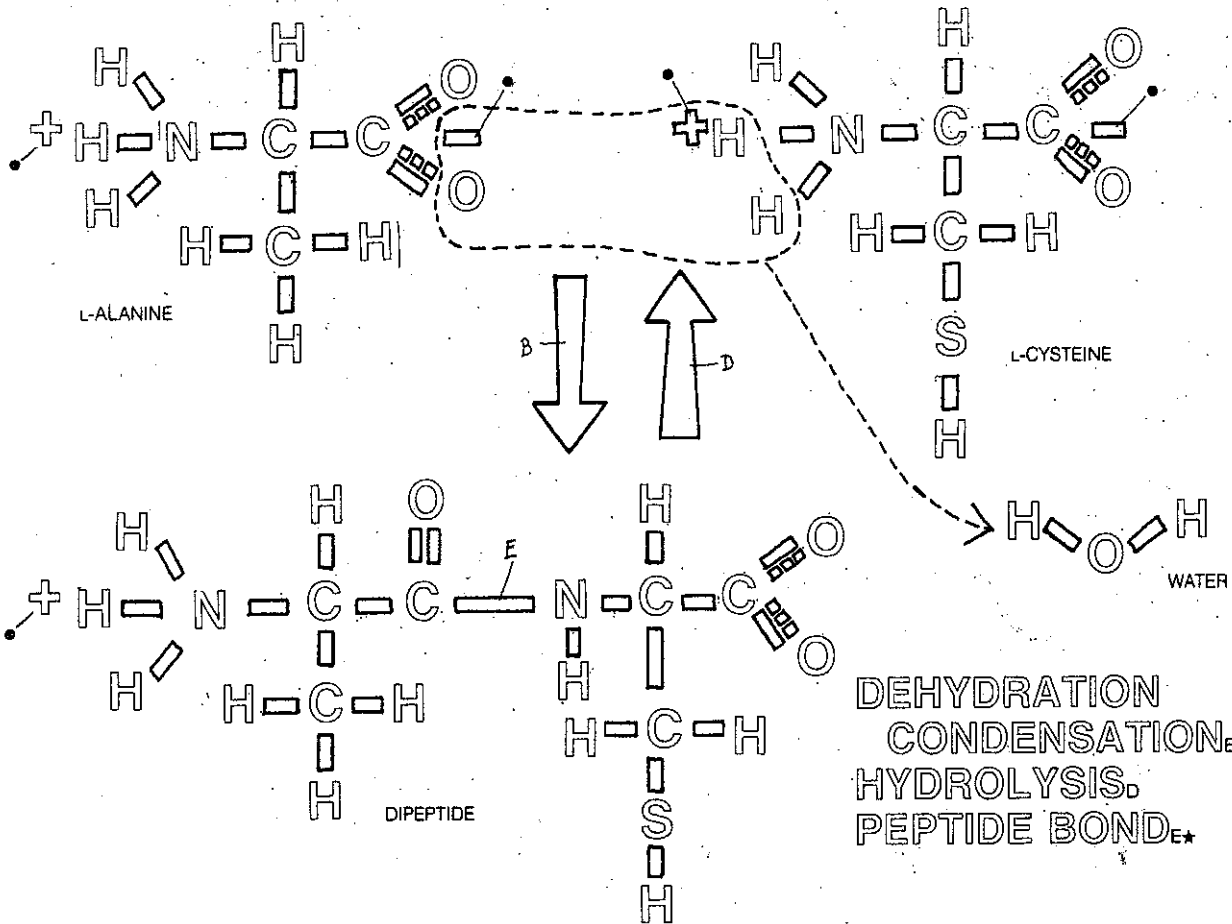
PHOSPHATE GROUP.
POLAR GROUP

INTRODUCTION TO PROTEIN.

AMINO ACID.
 CARBON, C
 HYDROGEN, H
 OXYGEN, O
 NITROGEN, N
 SULFUR, S



PEPTIDE FORMATION.

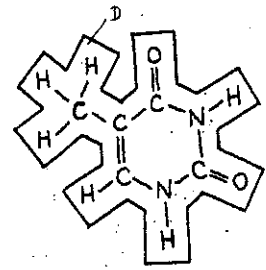
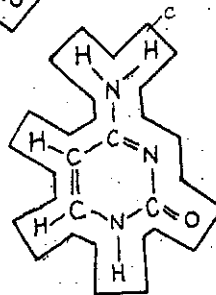
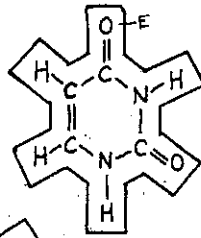
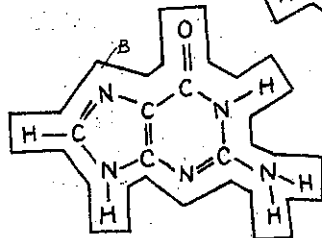
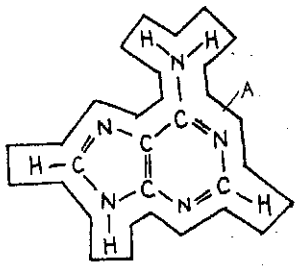


NUCLEOTIDES.

NITROGENOUS BASES.

PURINES.

ADENINE.
GUANINE.

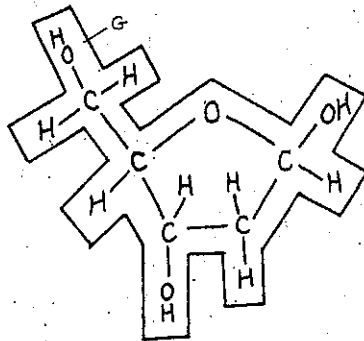
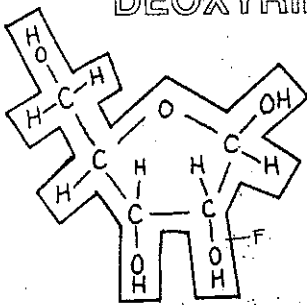


PYRIMIDINES.

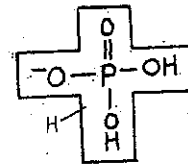
CYTOSINE.
THYMINE.
URACIL.

PENTOSESES.

RIBOSE.
DEOXYRIBOSE.

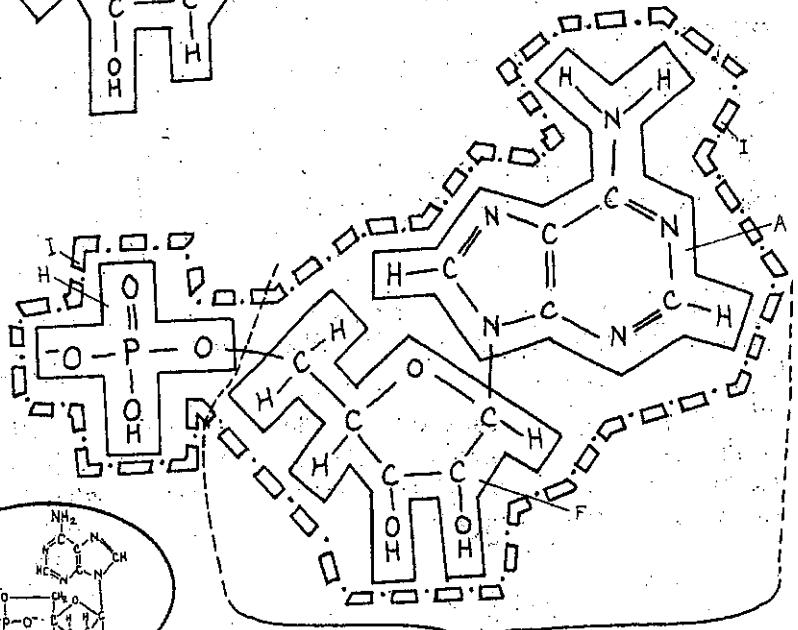


PHOSPHATE ION.

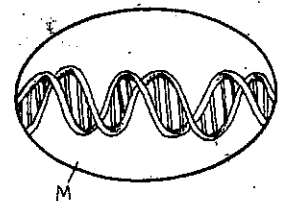
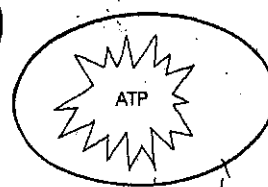
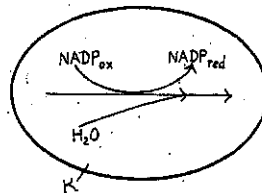
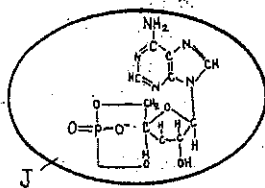


RIBONUCLEOTIDE.

FUNCTIONS IN A CELL.
CHEMICAL MESSENGER.
COENZYME.
ENERGY CARRIER.
NUCLEIC ACID.



NUCLEOSIDE



Name: _____

Hr: _____

Color Code for Lipids and Protein Colored Diagrams

All sets of diagrams

- Carbon – Black
- Oxygen – Red
- Hydrogen – Yellow
- Nitrogen – Lt Blue
- Sulfur – Dark Yellow (or yellow-orange)

Lipid Diagrams

- Glycerol (Projection Formula)_A – Lt. Green
- Saturated Fatty Acid (Projection Formula)_B – Yellow
- Unsaturated Fatty Acid (Projection Formula)_D – Orange
- Triglyceride (outside edge)_E – Green
- Phospholipid (outside edge)_F – Green
- Phosphate Group_G – Purple
- Polar Group_H – Lt. Blue

Protein Diagrams

- Dehydration Condensation_B (we call it Dehydration Synthesis) – Blue
- Hydrolysis_D - Pink

Nucleotides Diagrams

- Adenine_A - Red
- Guanine_B - Green
- Cytosine_C - Yellow
- Thymine_D - Blue
- Uracil_E – Dark Blue
- Ribose_F – Red-Orange
- Deoxyribose_G – Orange
- Phosphate Ion_H – Purple

- Chemical Messenger_J – Brown
- Coenzyme_K – Light Purple
- Energy Carrier_L – Light/Bright Yellow
- Nucleic Acid_M – Light Green