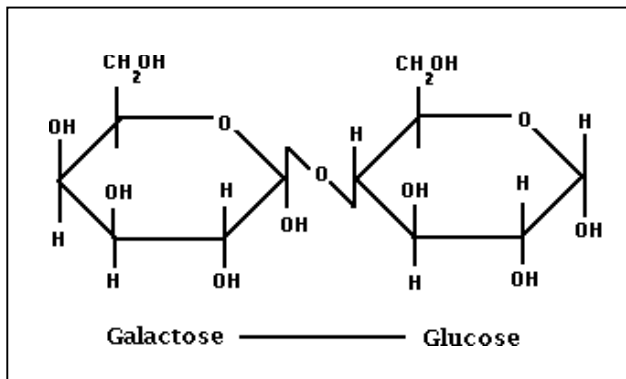


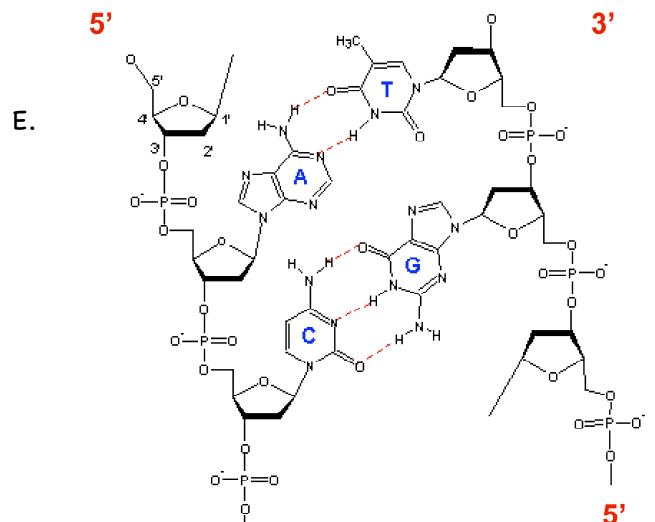
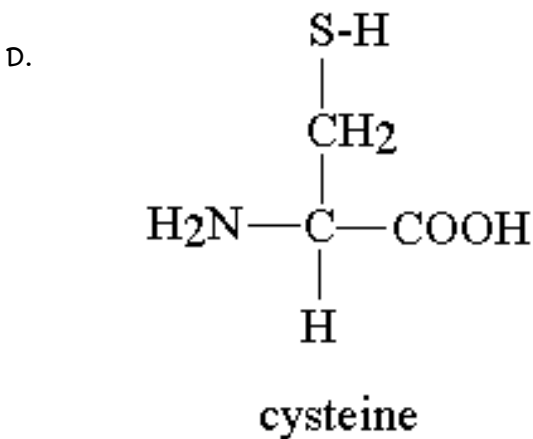
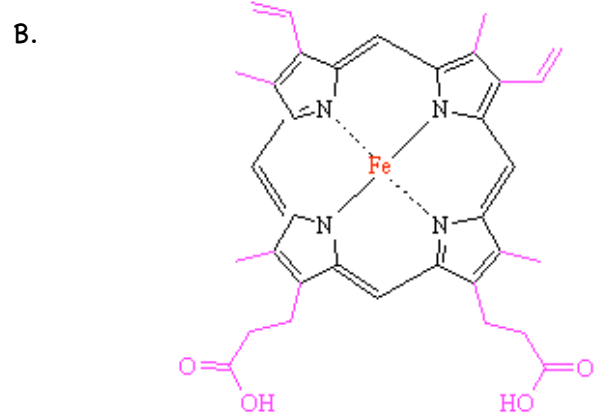
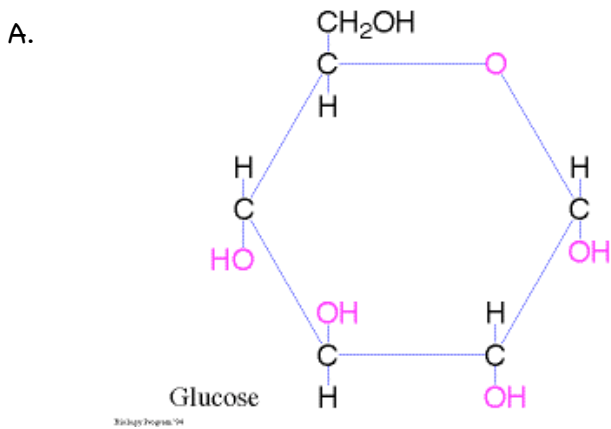
Task: Create a flashcard for each of the molecules on the following page.

1. Cut out the each of the molecules. Paste these pictures onto one side of an index card. One picture per card.
2. On the other side of the card...
 - a. Identify the class of organic molecules it represents (carbohydrate, lipid, protein/amino acid, nucleic acid).
 - b. Identify the functional groups the molecule contains.
 - c. Give the specific name of the molecule if you can (eg. hemoglobin, starch, etc...)
 - d. For molecule (*), where there is an arrow, identify the type of chemical bond it has or the type of linkage.

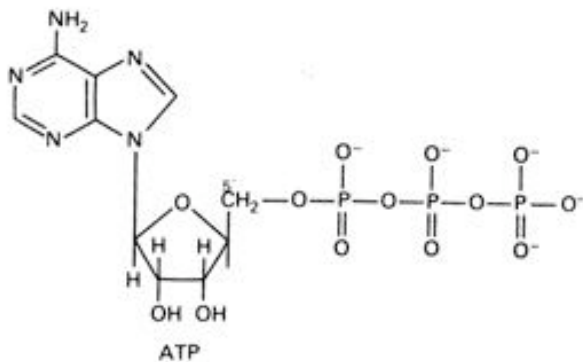
Example...



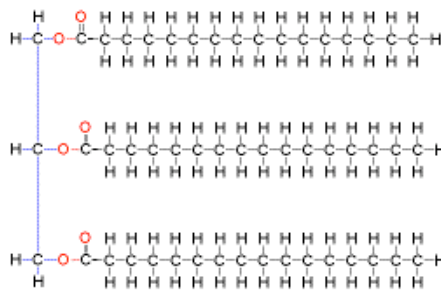
a. Carbohydrate
b. Hydroxyl groups (-OH)
c. Lactose
d. Glycosidic linkage



E.



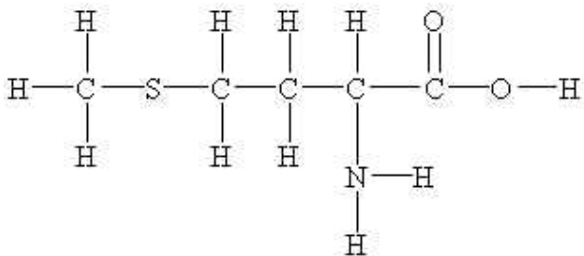
F.



Triglyceride

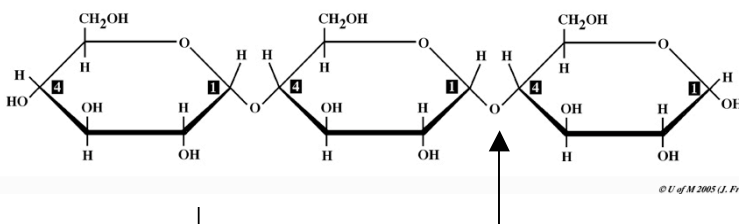
Biology Program '04

G.



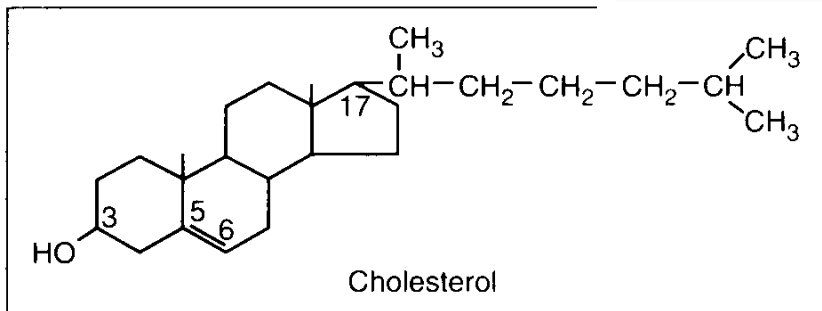
H. (*)

α-1-4 Bonds Between 3 Molecules of Glucose

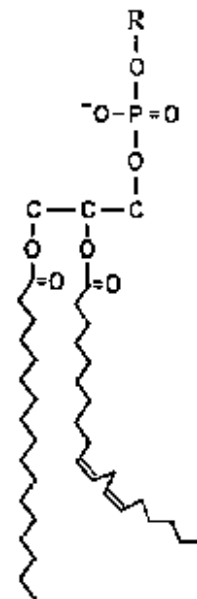


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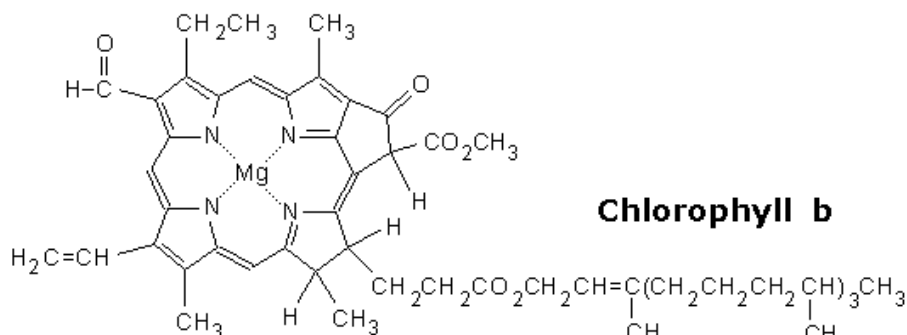
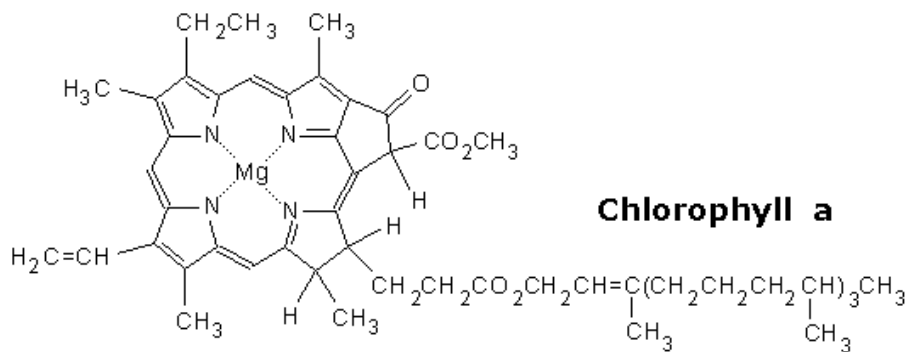
I.



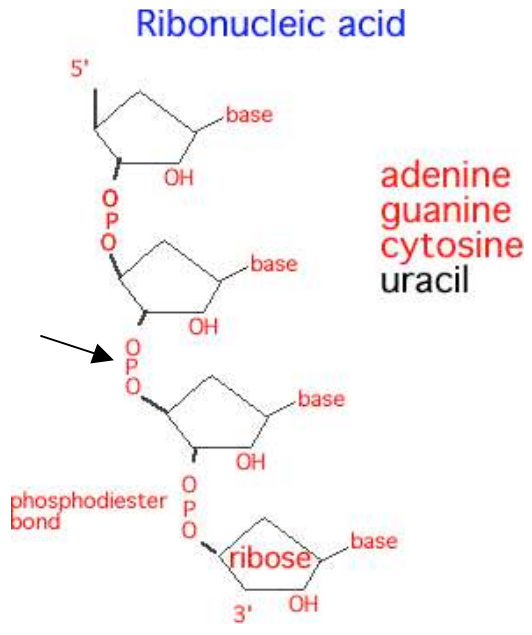
J.



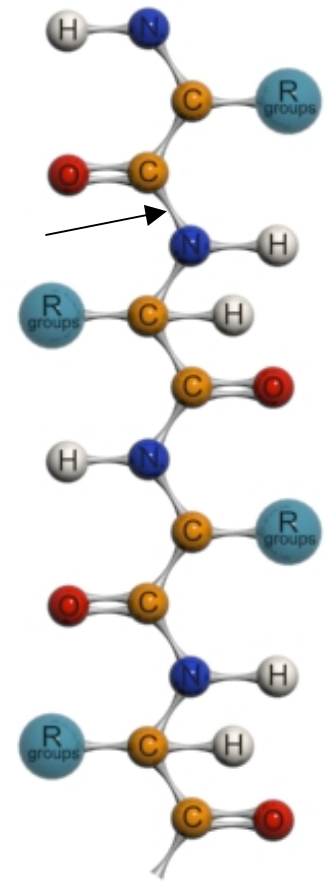
K.



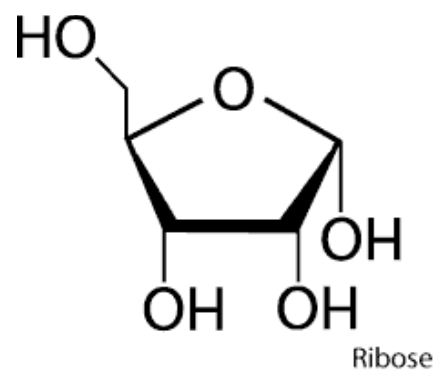
L. (*)



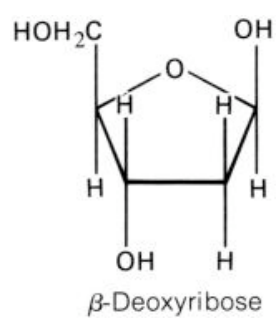
M. (*)



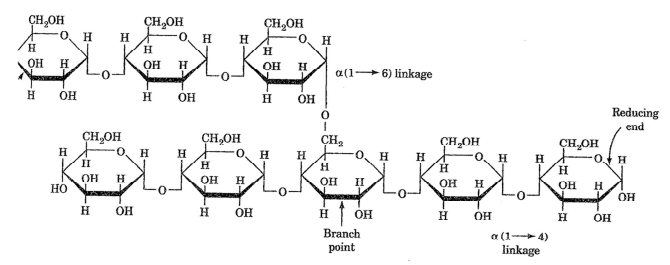
N.



O.



P.



Q.

