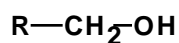
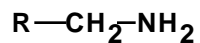


BIOCHEMICAL MOLECULES

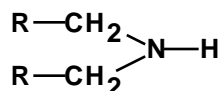
Functional Groups



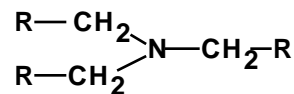
hydroxyl (alcohol)



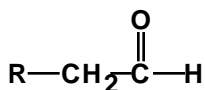
primary amine



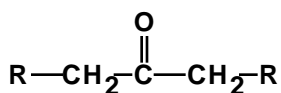
secondary amine



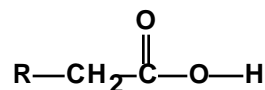
tertiary amine



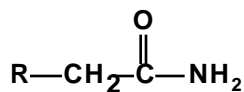
aldehyde



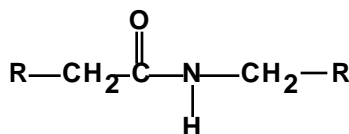
ketone



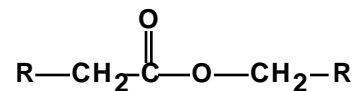
carboxylic acid



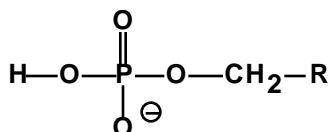
amide



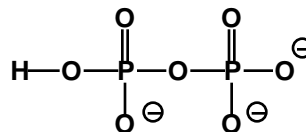
amide linkage



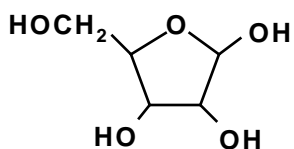
ester



phosphoester

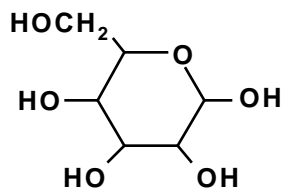


phosphoanhydride

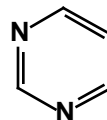


furanose ring

monosaccharide rings

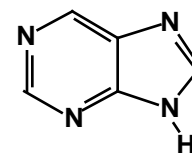


pyranose ring



pyrimidine ring

nucleotide rings



purine ring