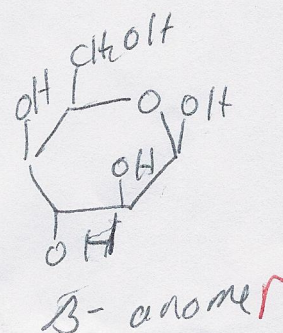
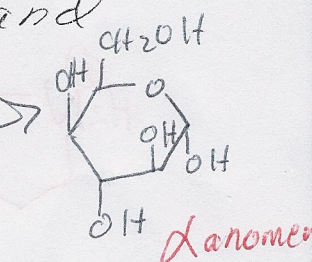
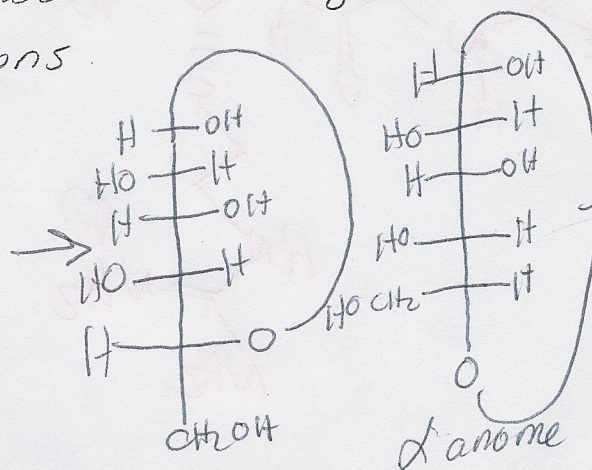
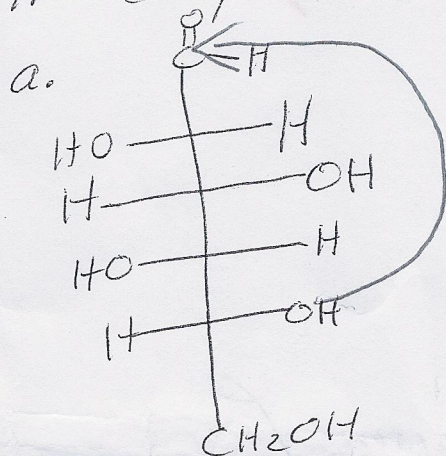


Name: Answers -1- Post

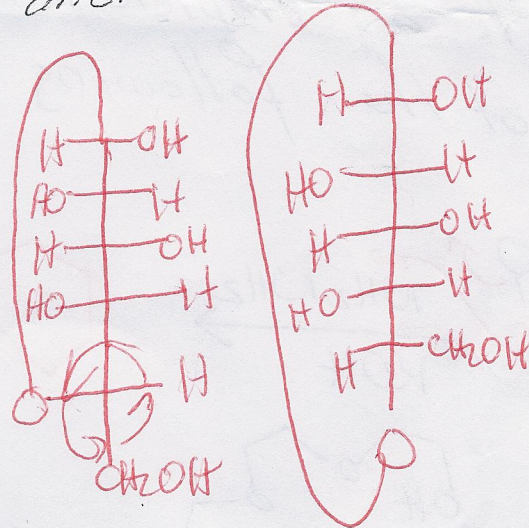
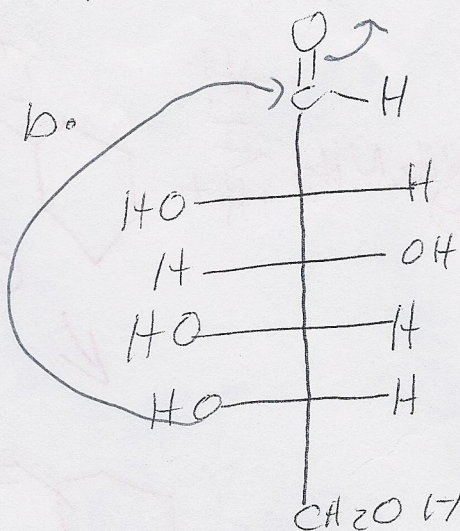
DATE: April 8, 2011

Problem Session

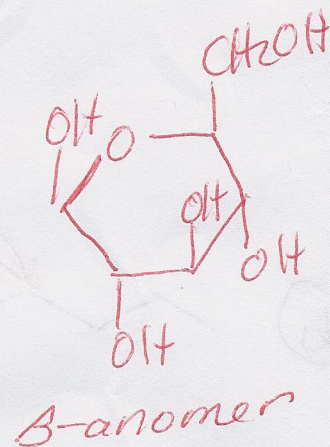
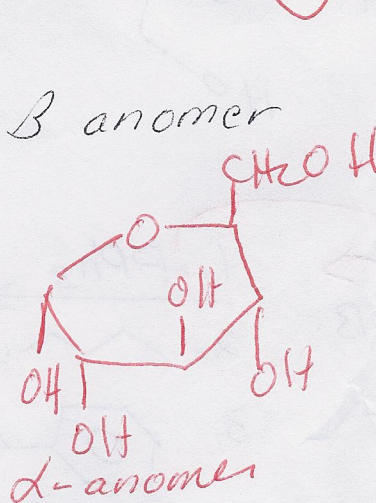
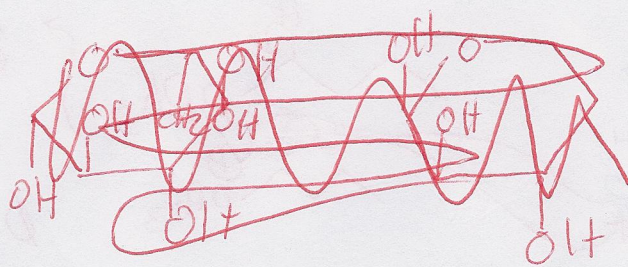
1. Convert the following sugars (carbohydrates) into Haworth Projections and Chair conformations.



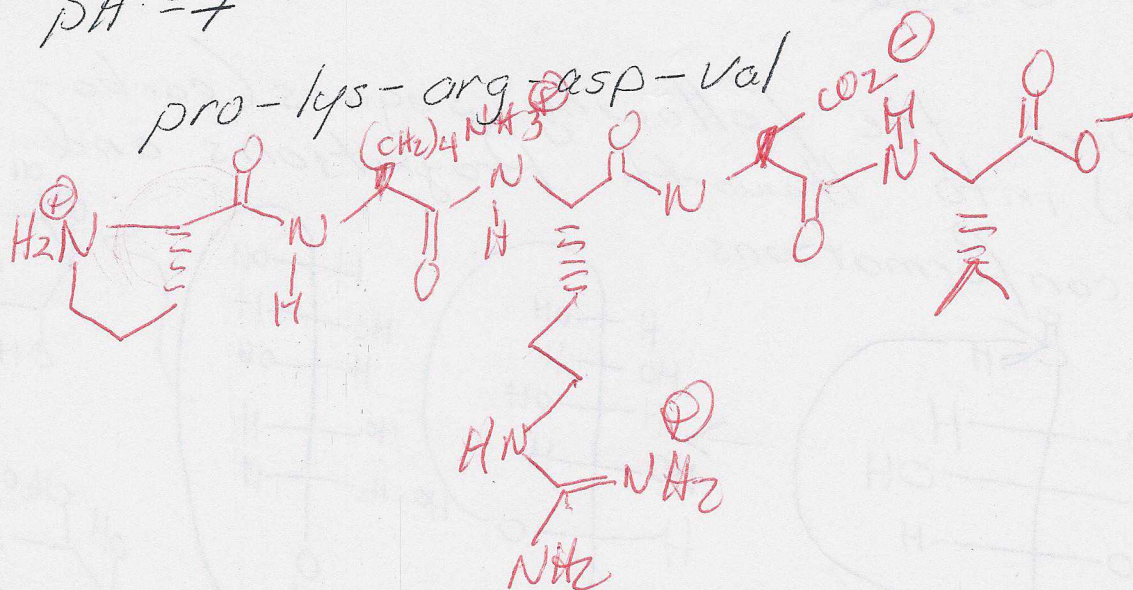
Draw both α & β anomer



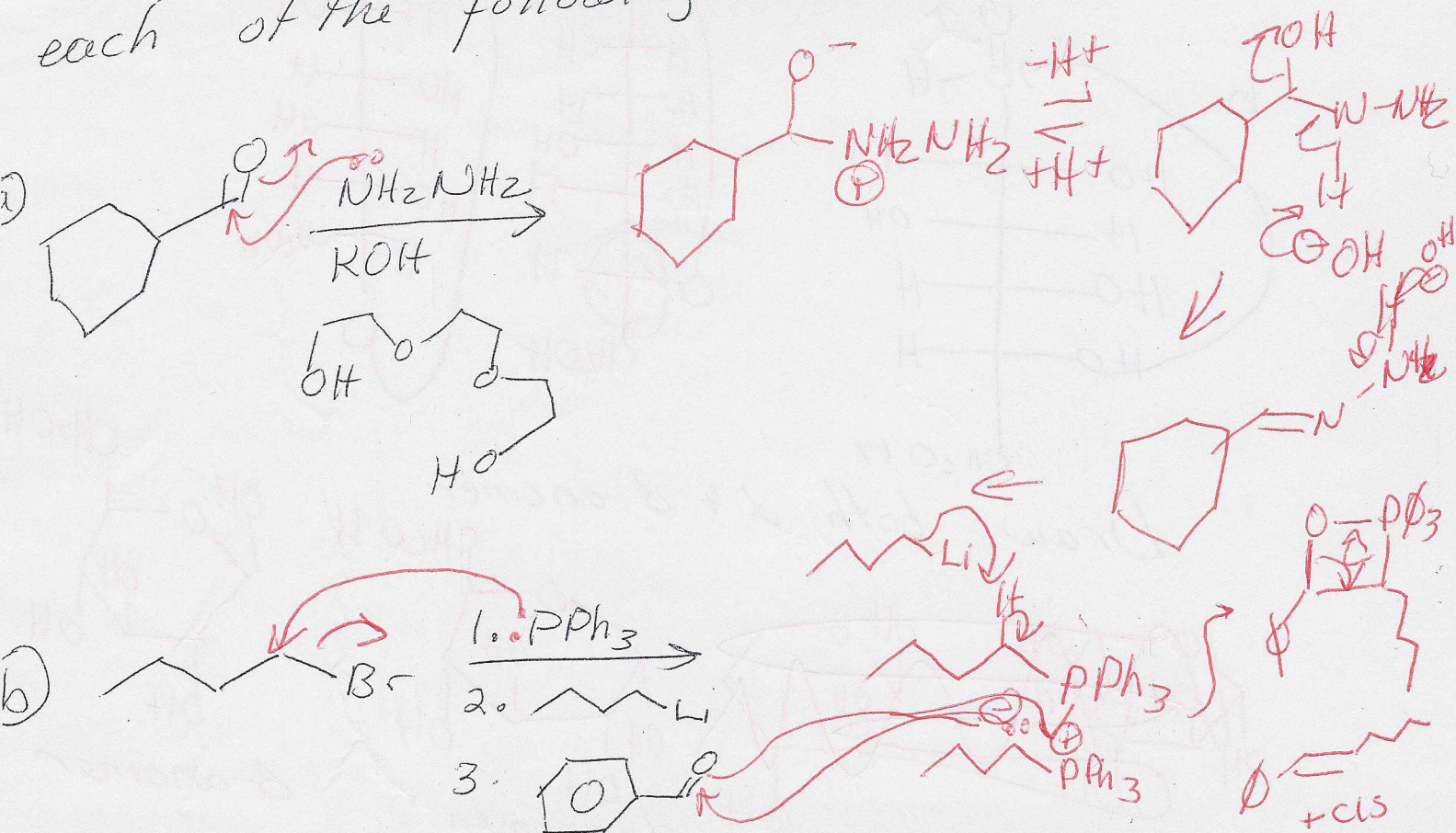
Draw both α & β anomer



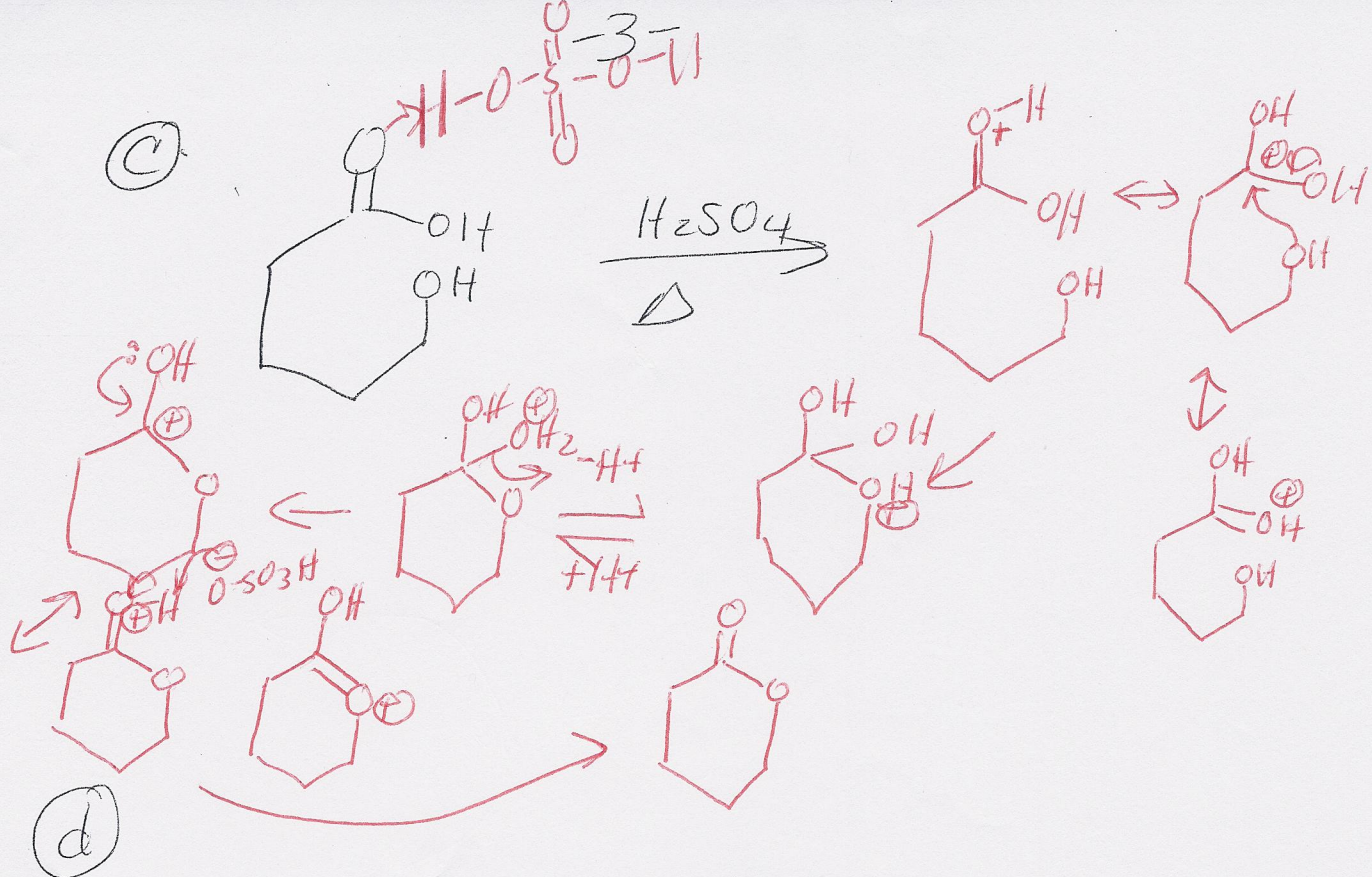
2. Draw the following peptide at pH = 7



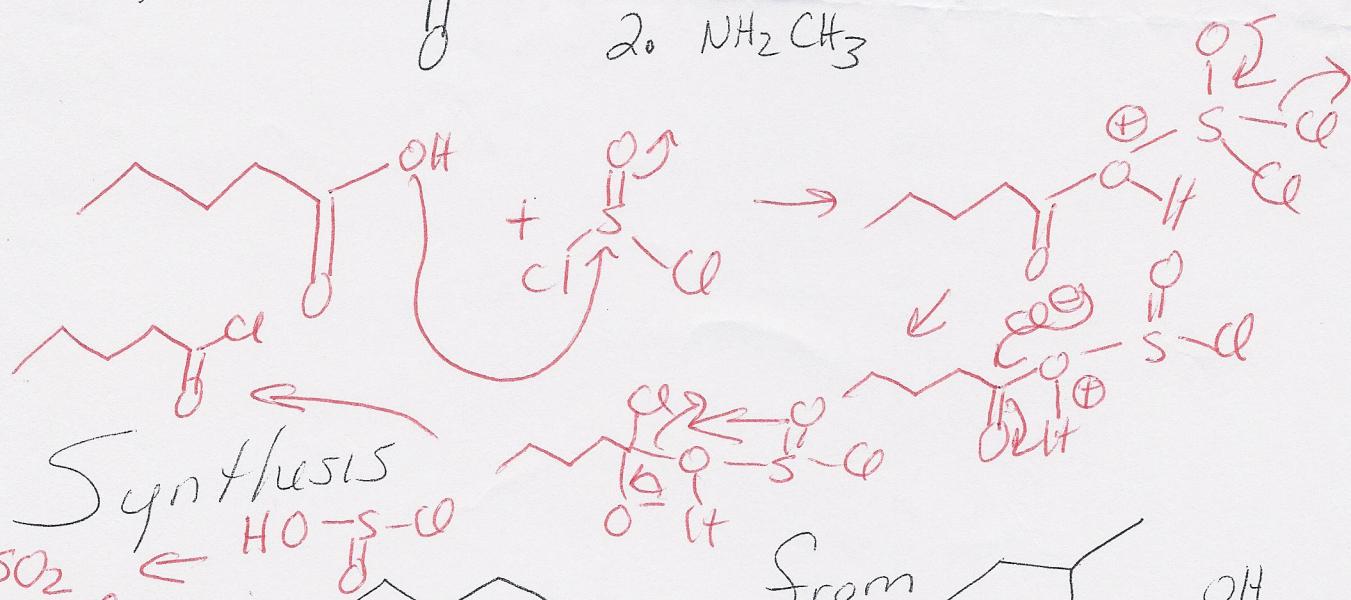
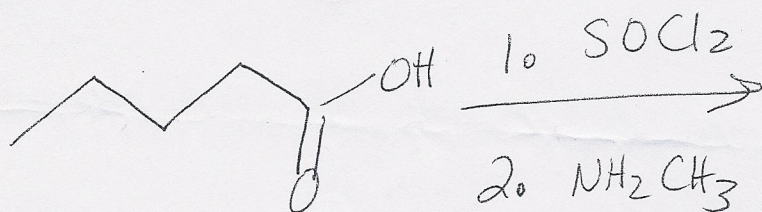
3. Write a complete mechanism for each of the following reactions



(c)

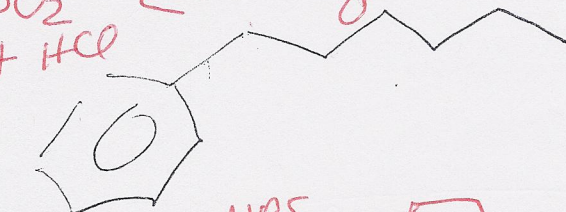


(d)



Synthesis

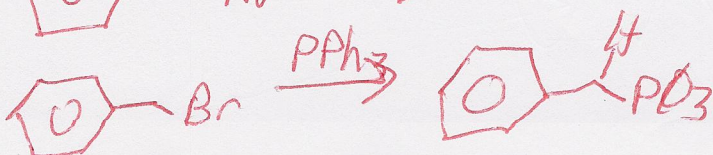
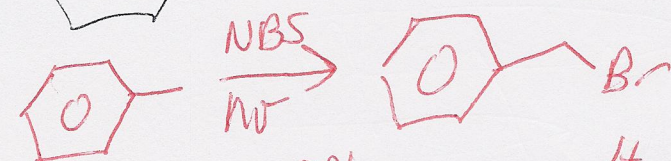
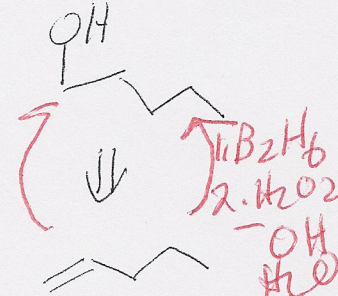
SO_2
+ HCl

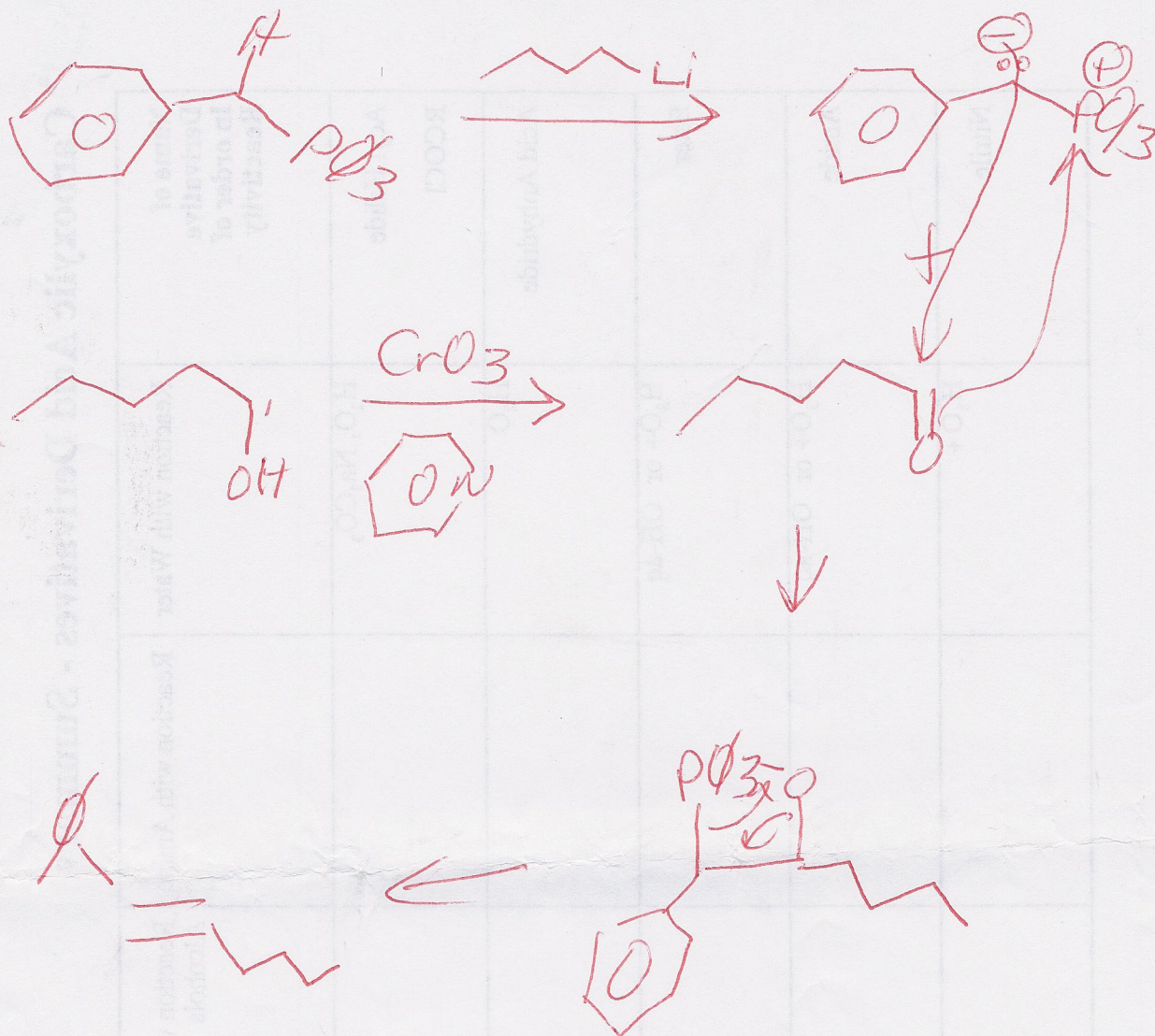


From



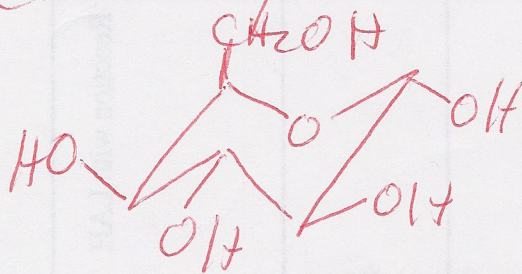
CH_3Br
 AlCl_3



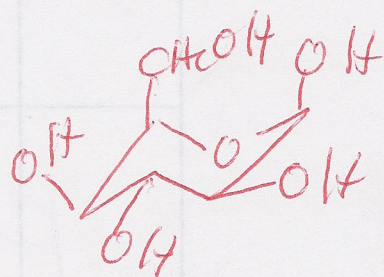


Chairs from 15th page

D
Sugar



α anomer



L
Sugar

