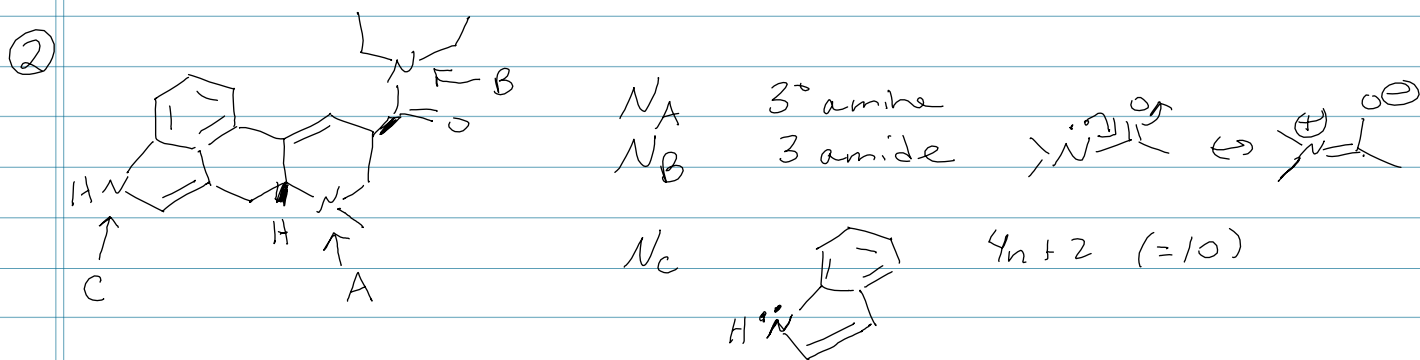
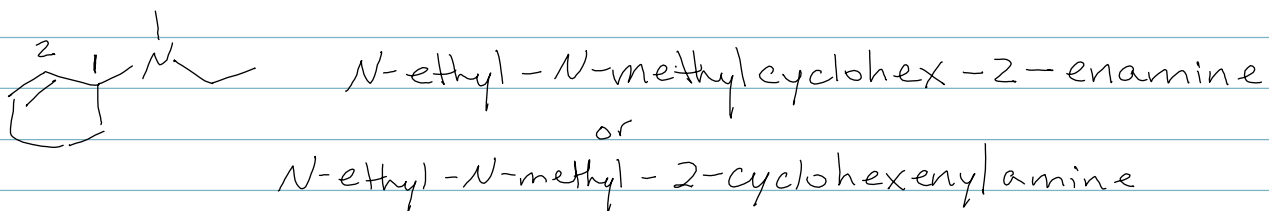
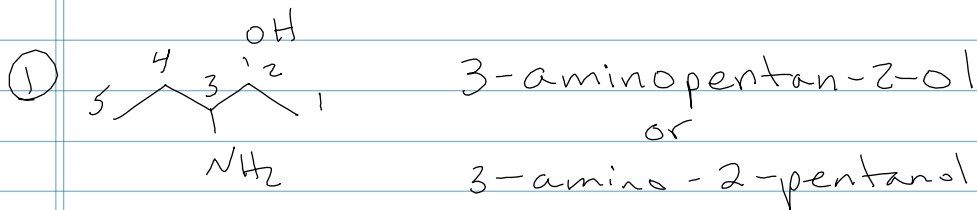
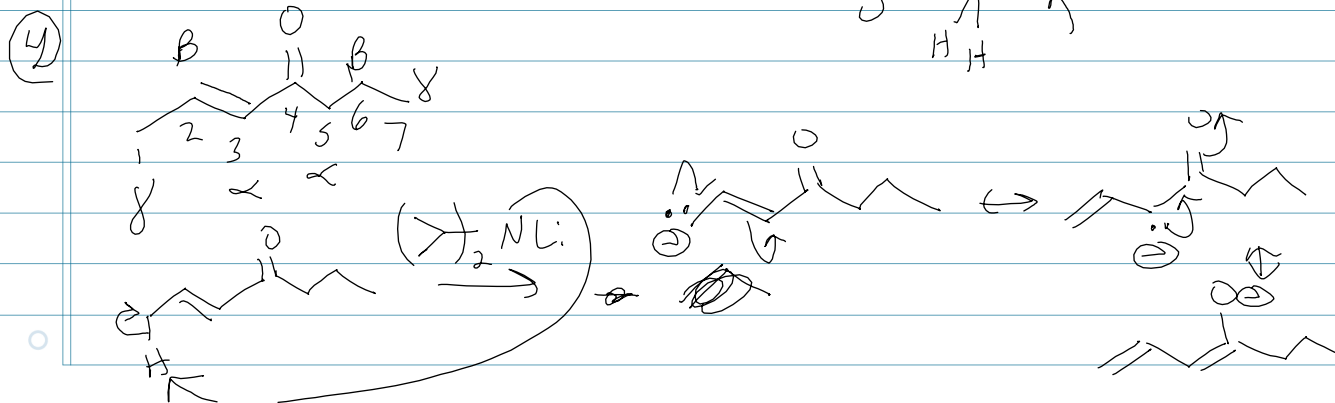
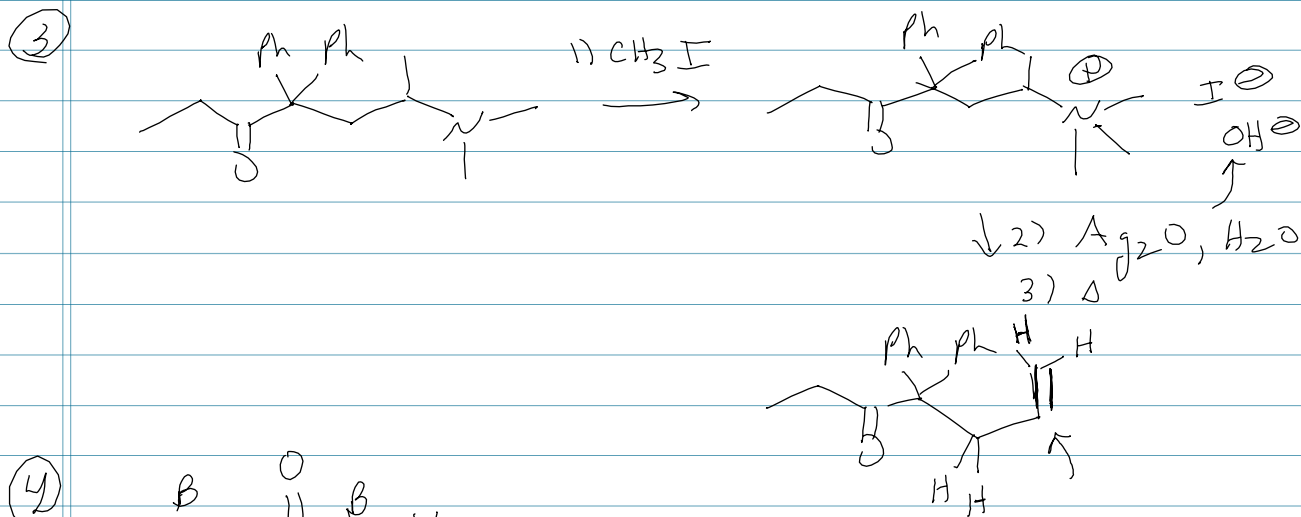
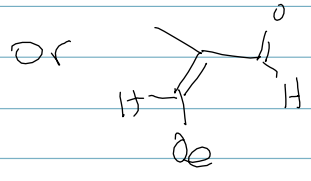
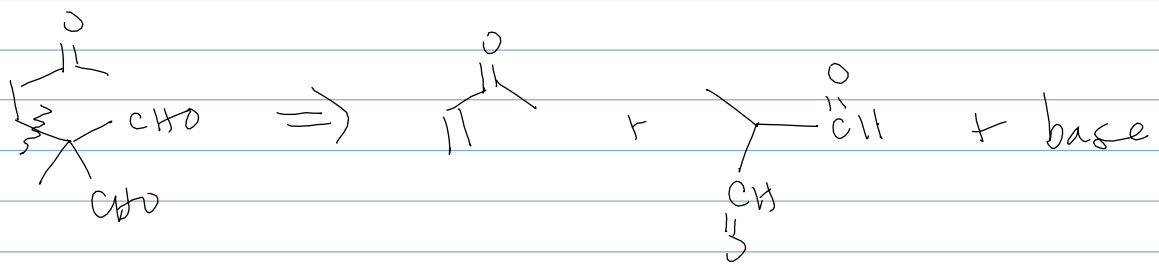
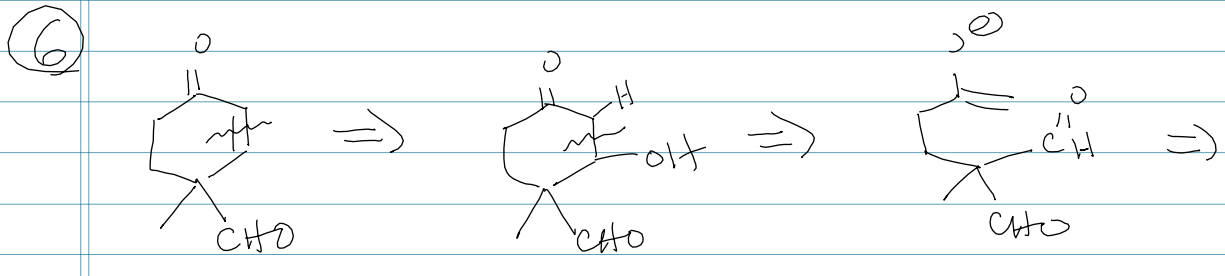
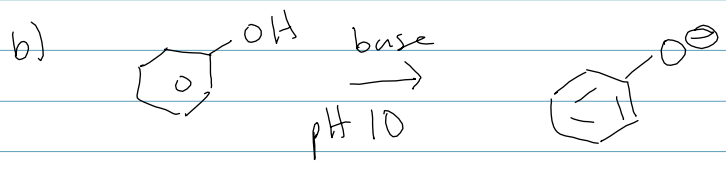
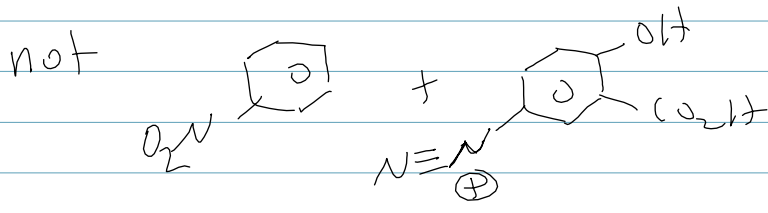
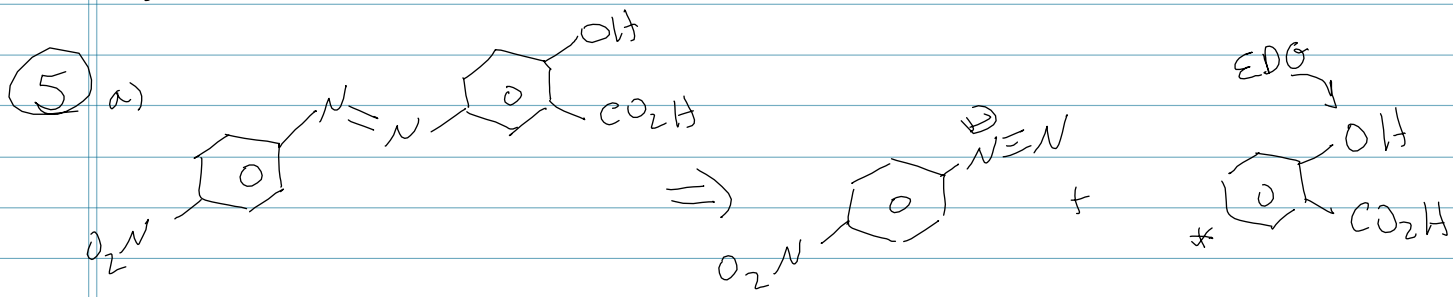
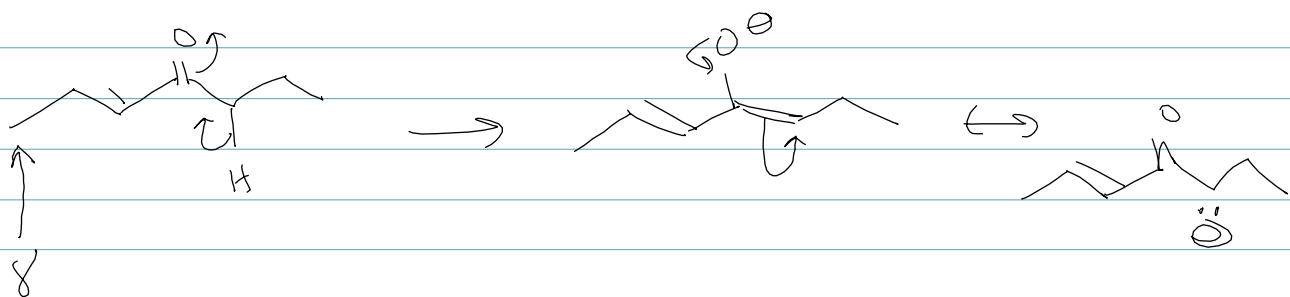


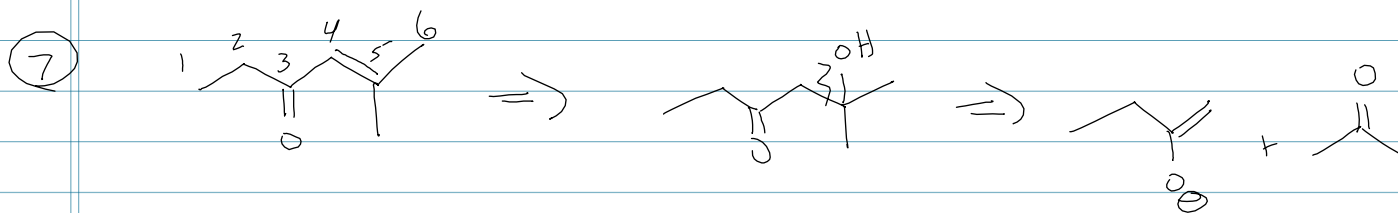
Chem 52 X13 Exam 3



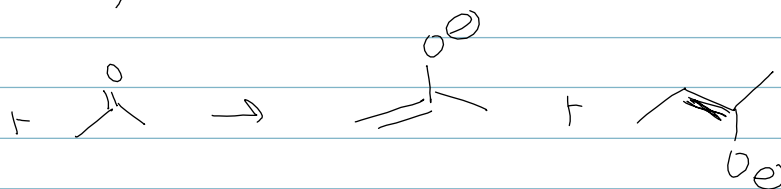
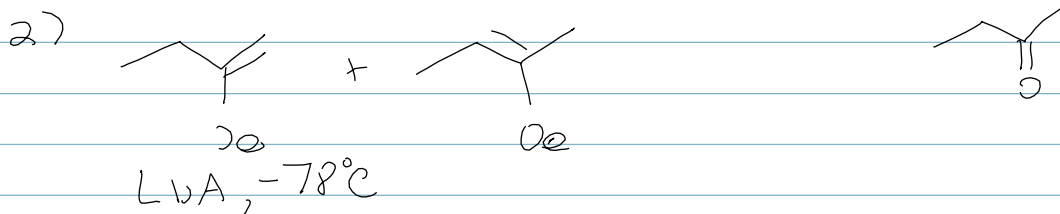
N_A is most basic.





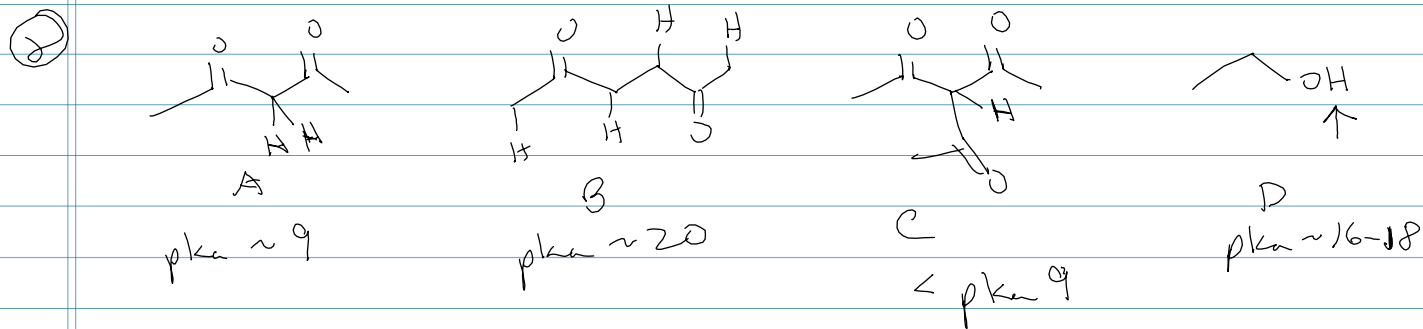


1) Condensing ketones

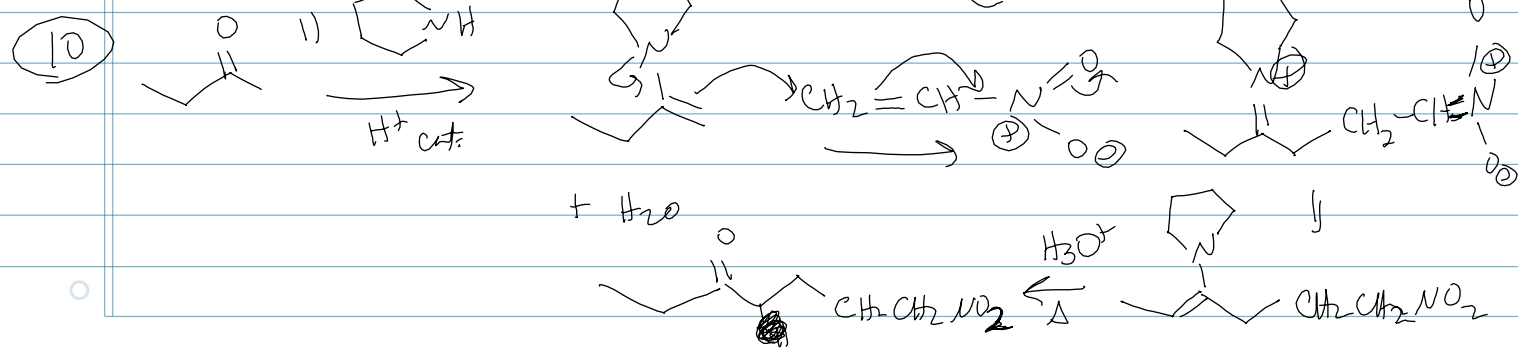
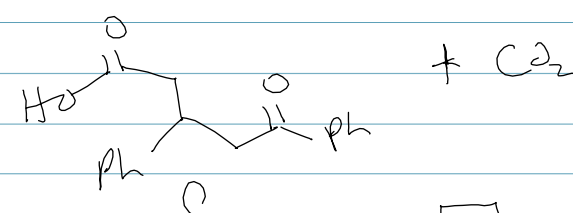
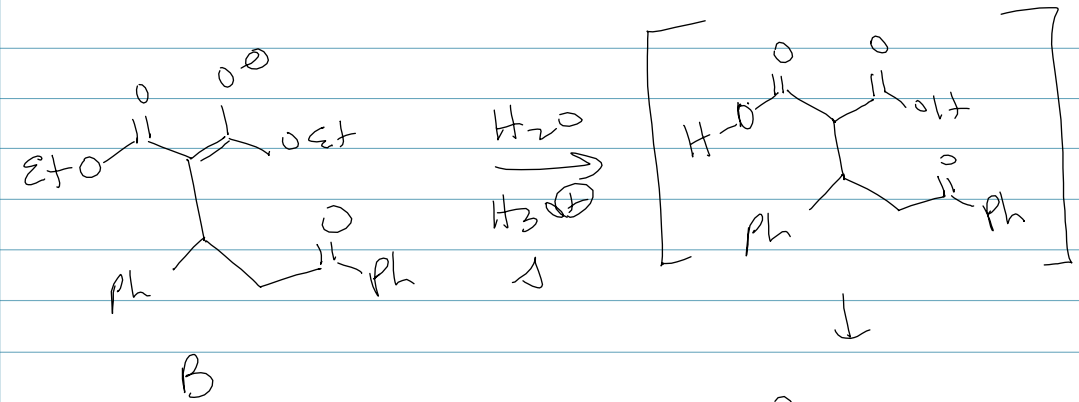
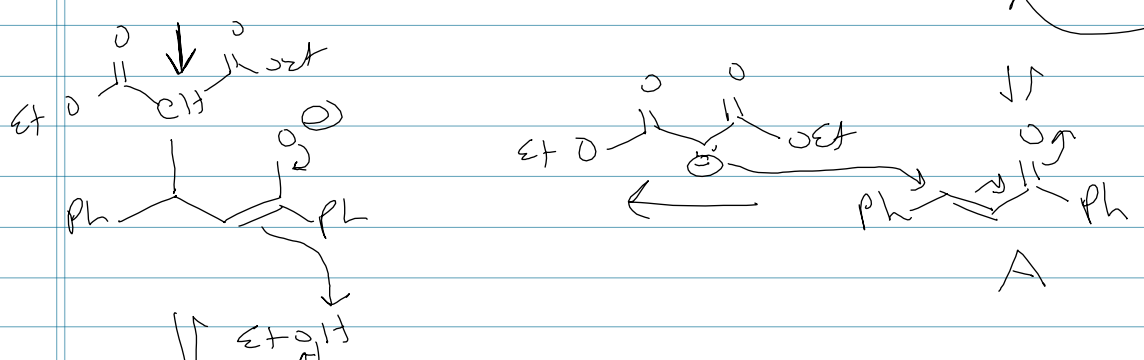
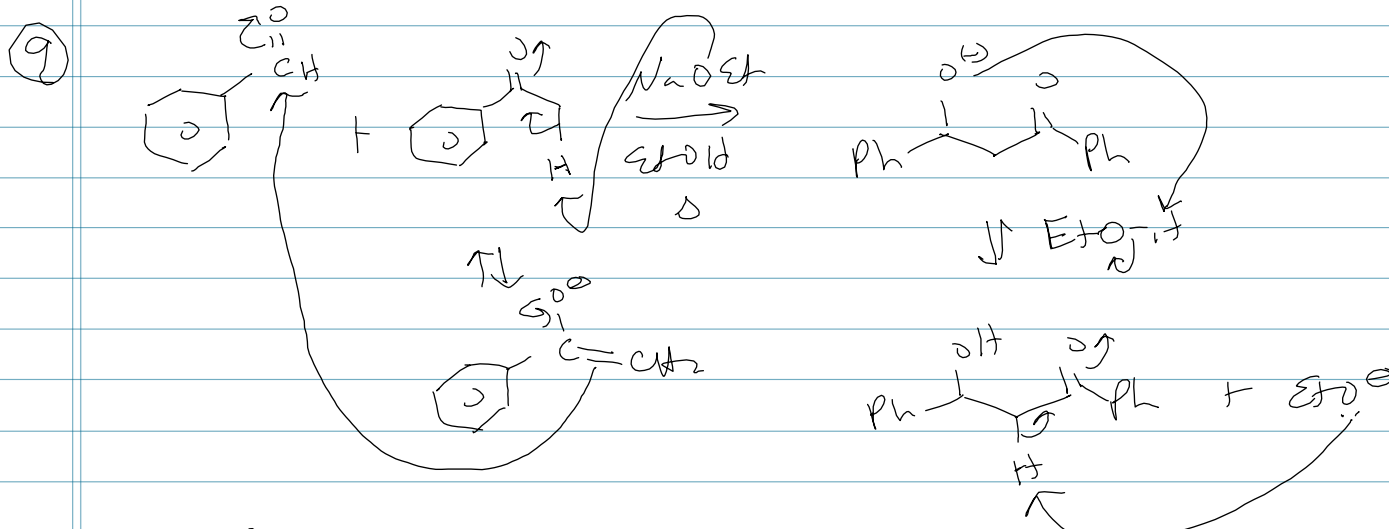


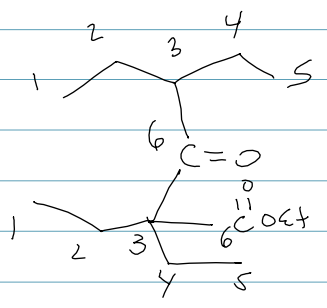
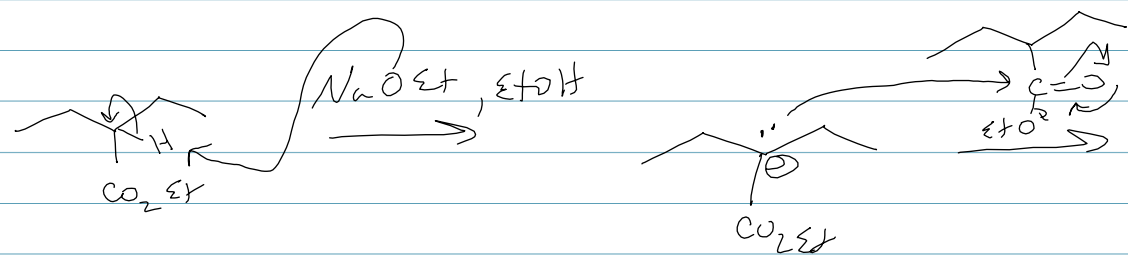
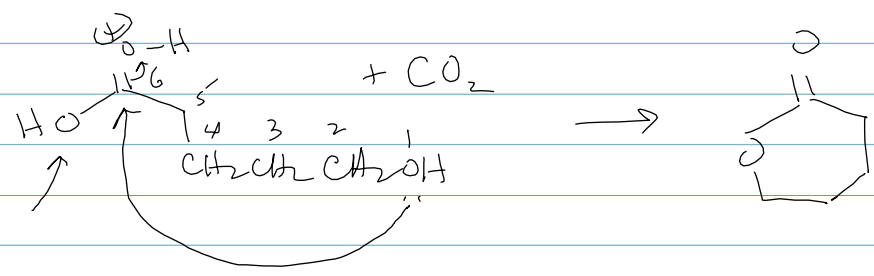
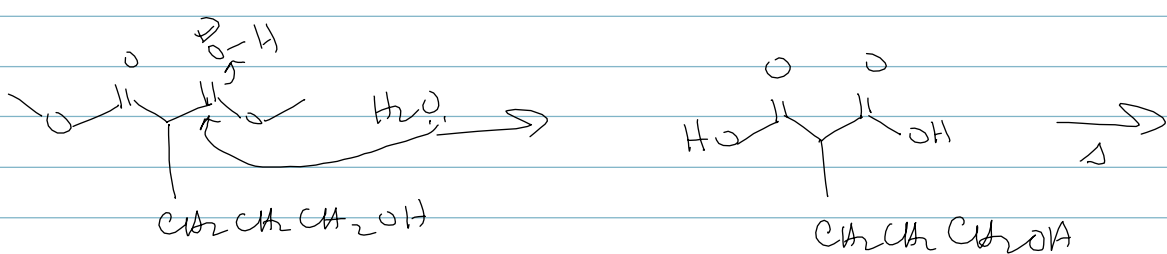
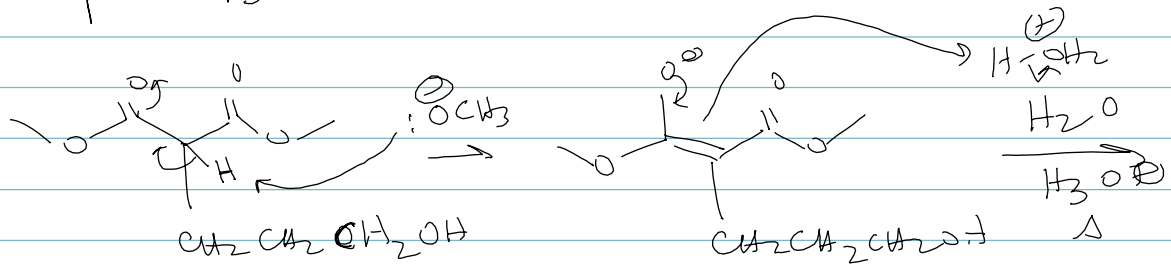
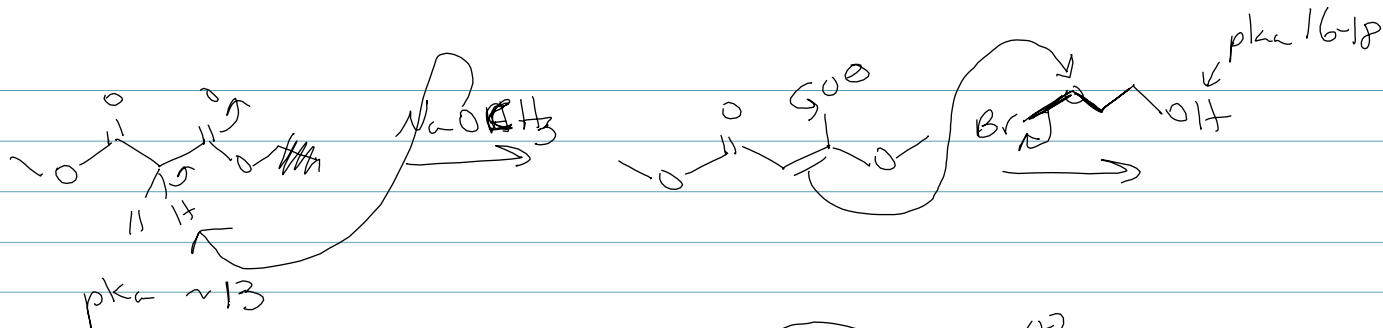
3) self-condensations & mixed condensations

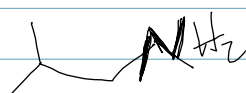
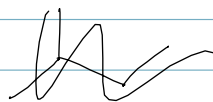
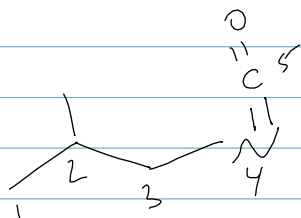
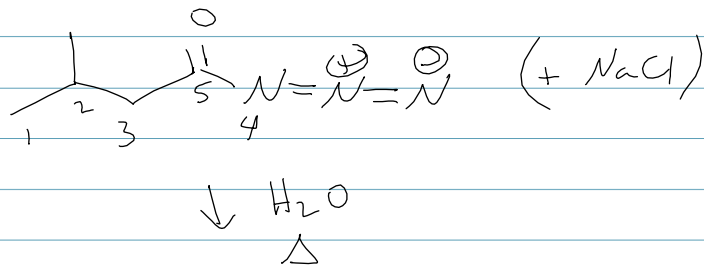
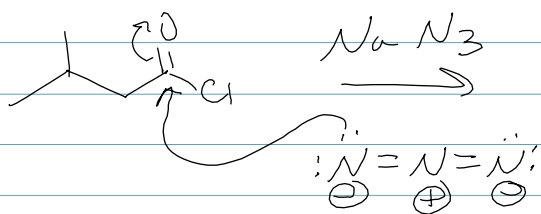
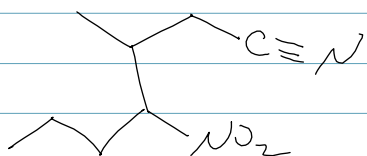
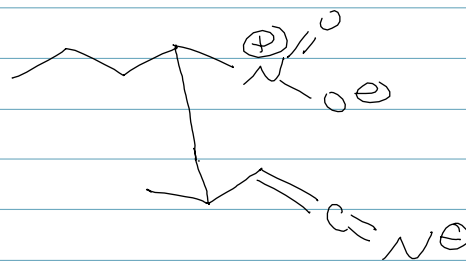
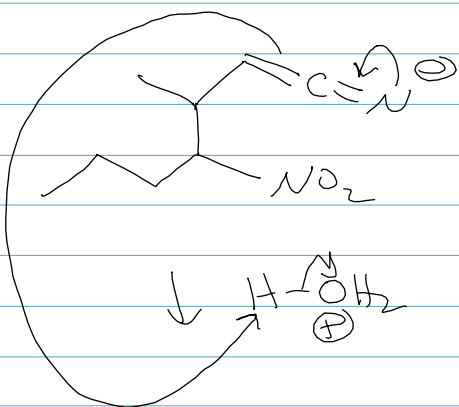
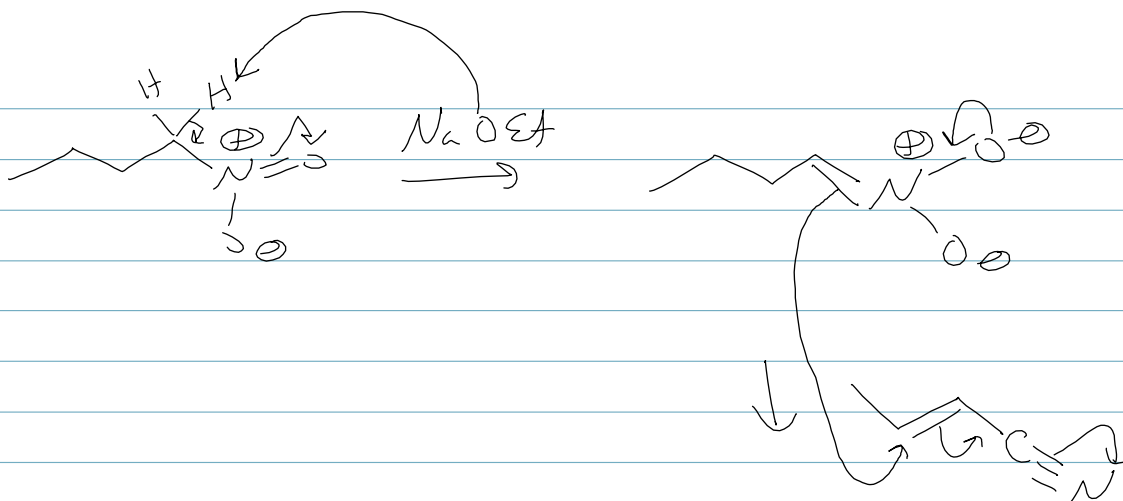
NO



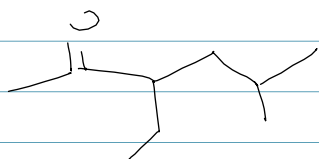
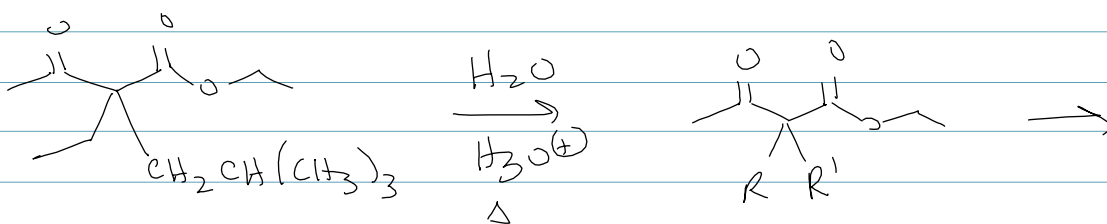
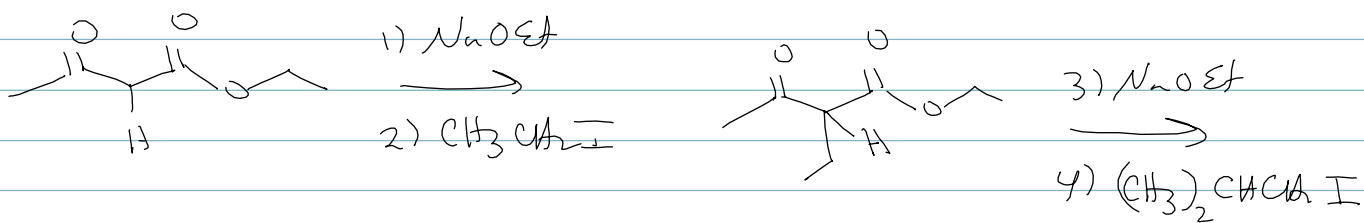
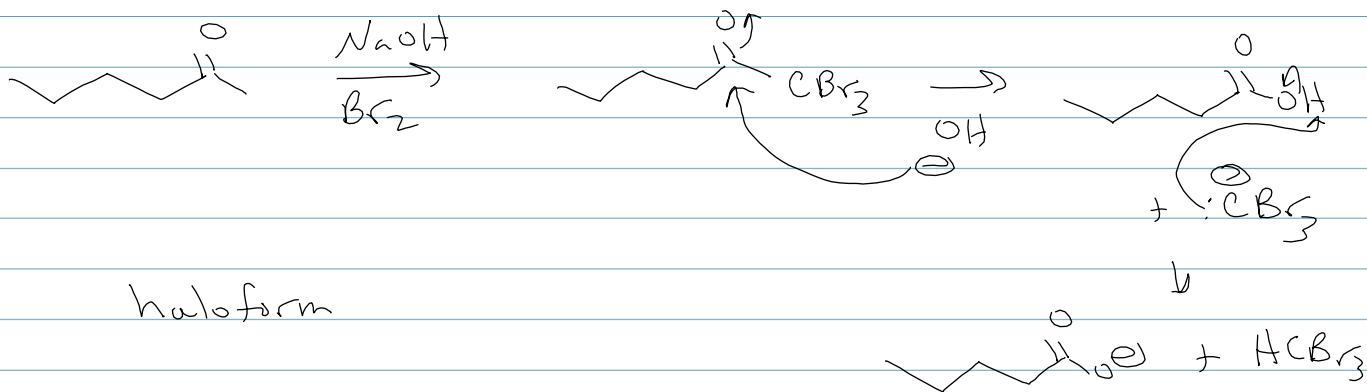
least acid. - B D A C most acidic





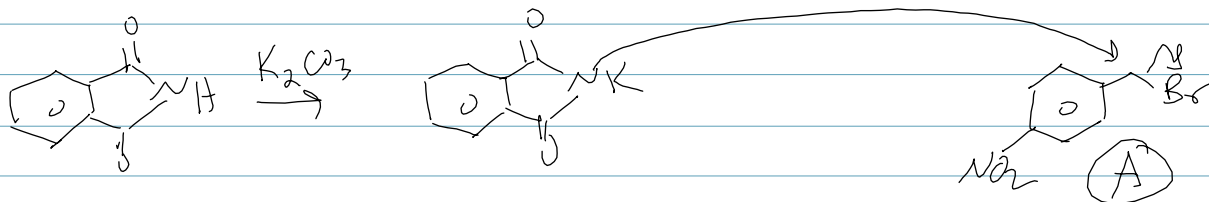
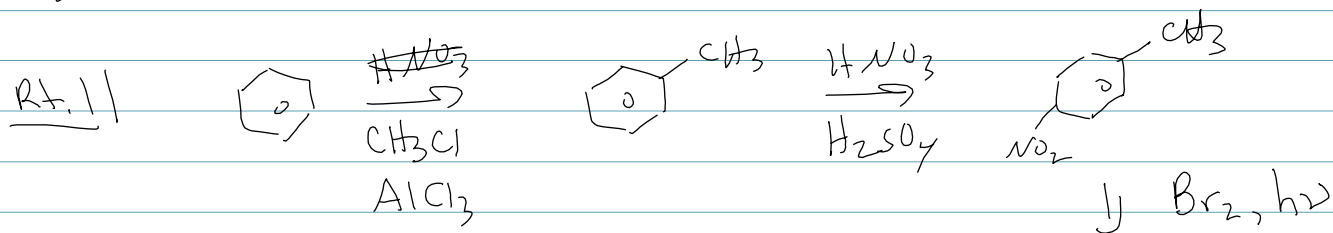
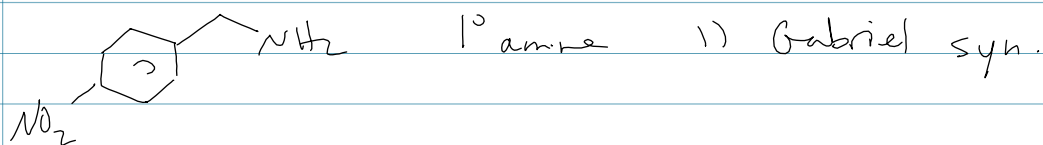


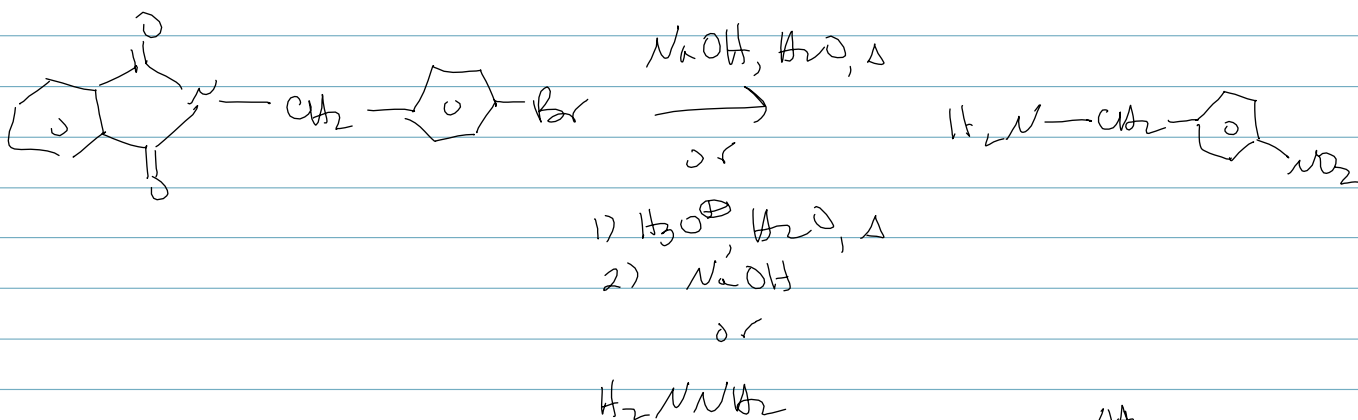
Curtius rearrangement



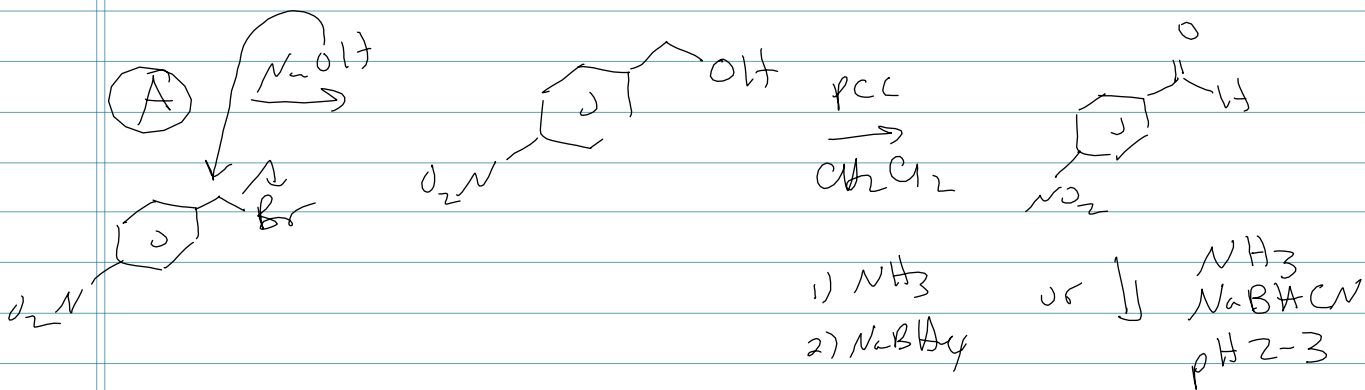
acetoacetic ester syn.

11

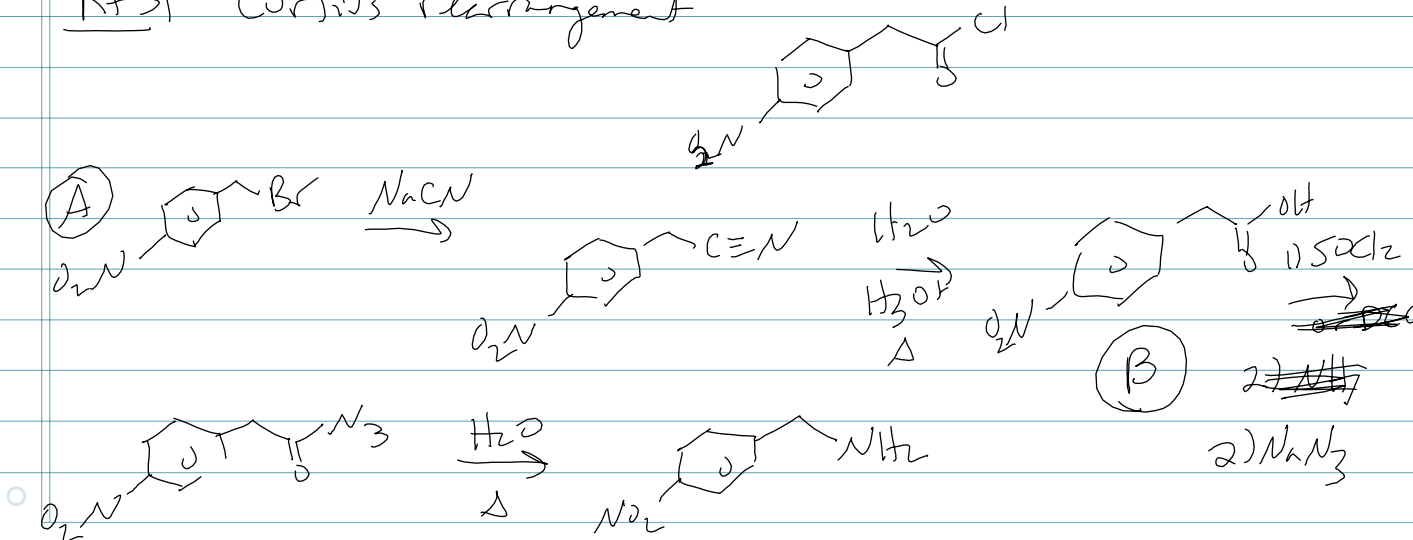




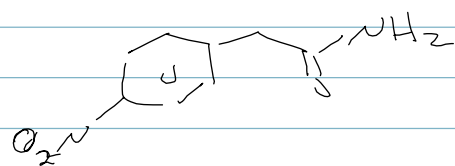
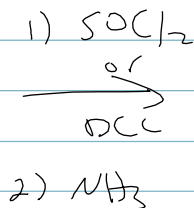
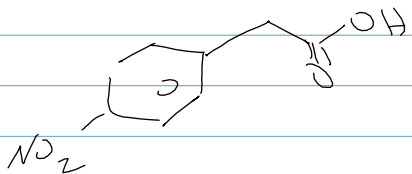
Rf2 reductive amination



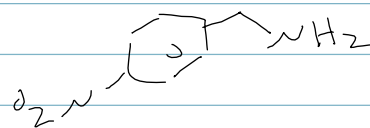
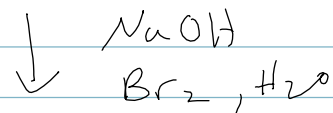
Rf3 Curtius rearrangement



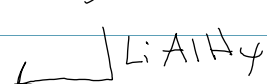
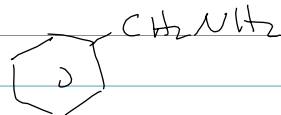
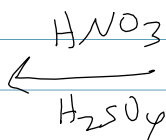
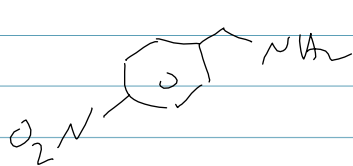
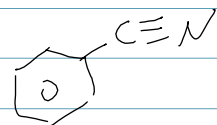
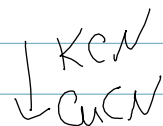
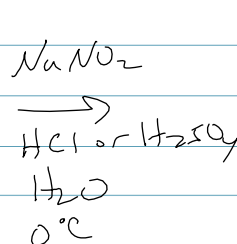
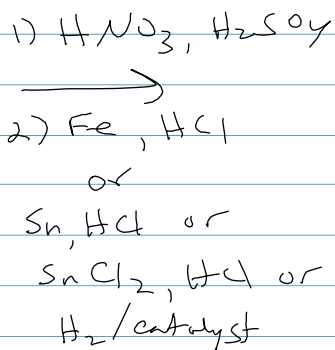
R44



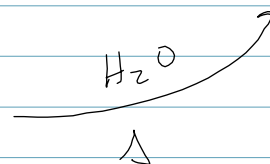
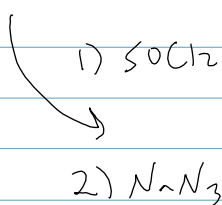
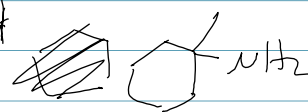
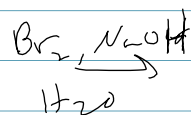
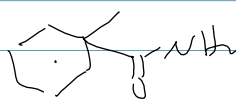
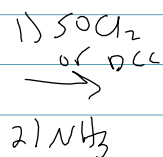
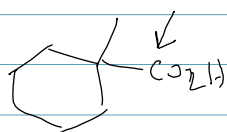
Hofmann elimination

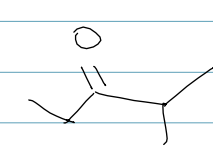
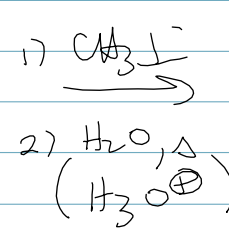
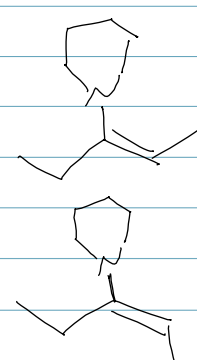
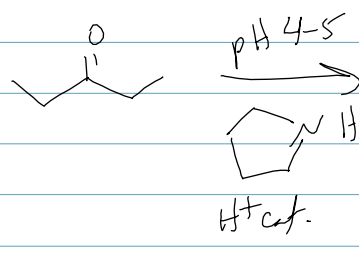
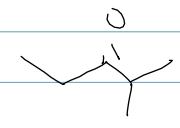
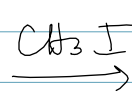
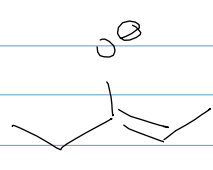
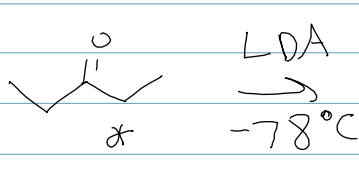
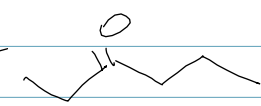
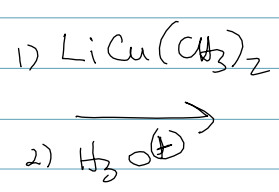
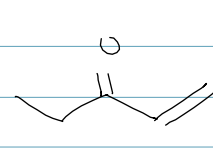
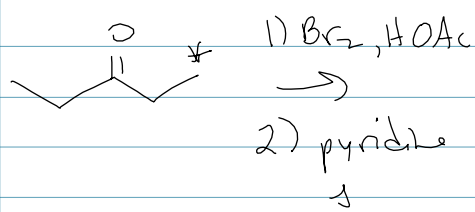
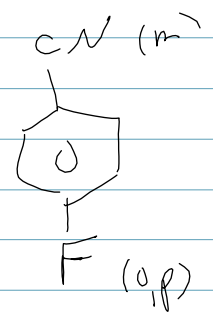
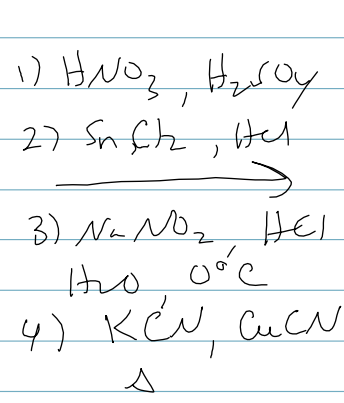
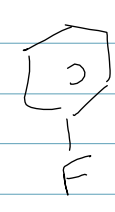
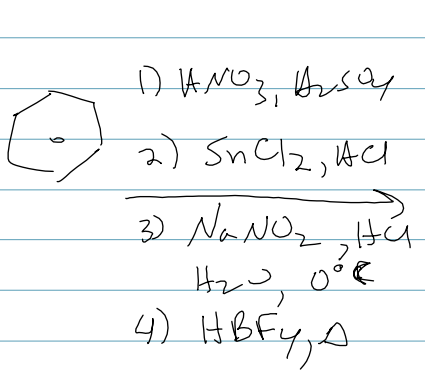


R45

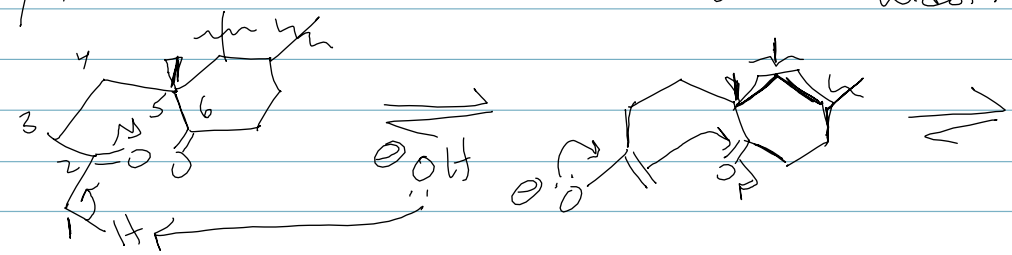
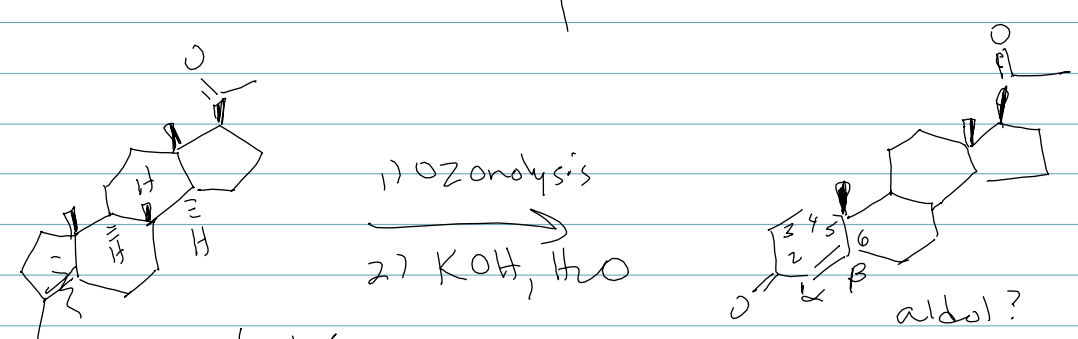


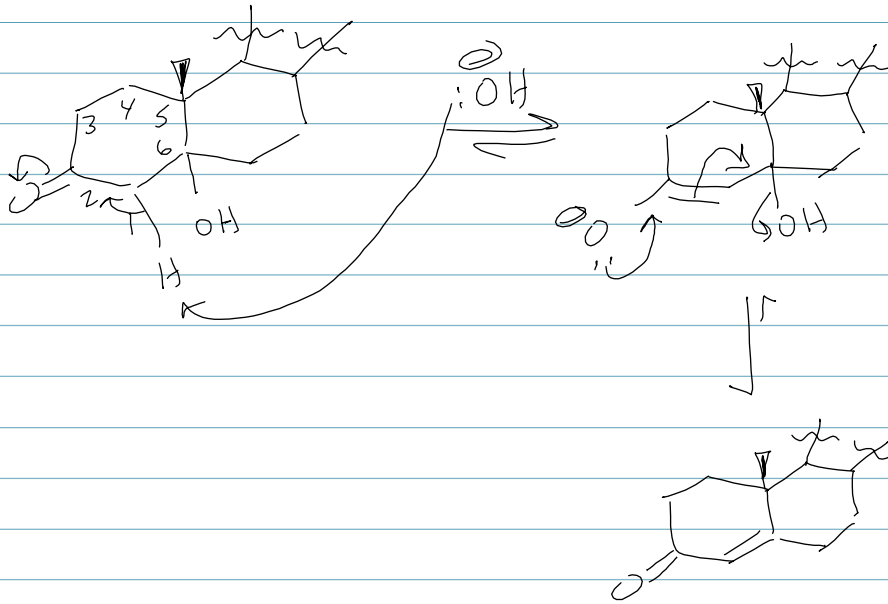
12



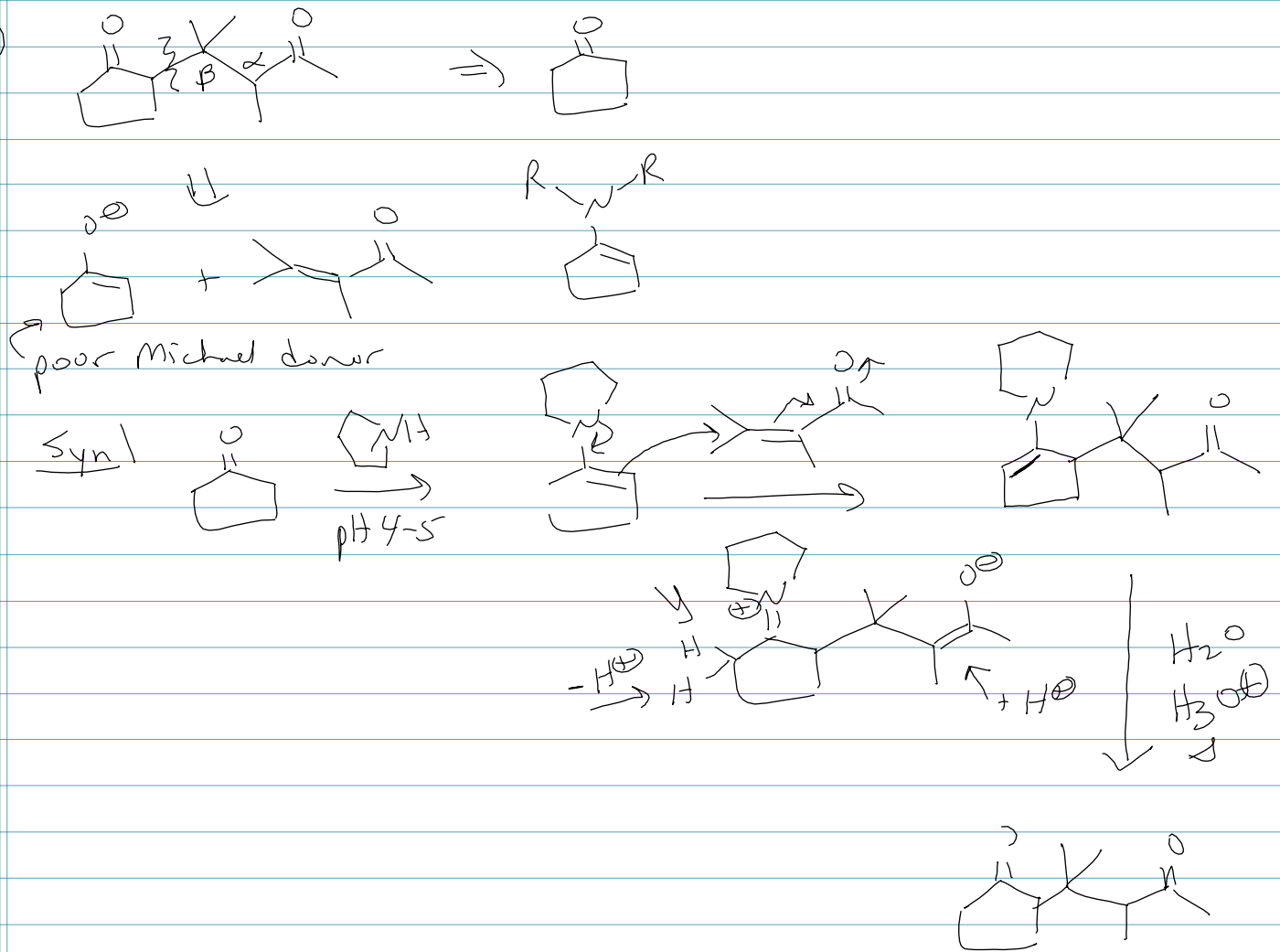


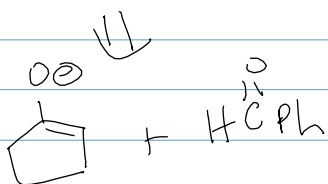
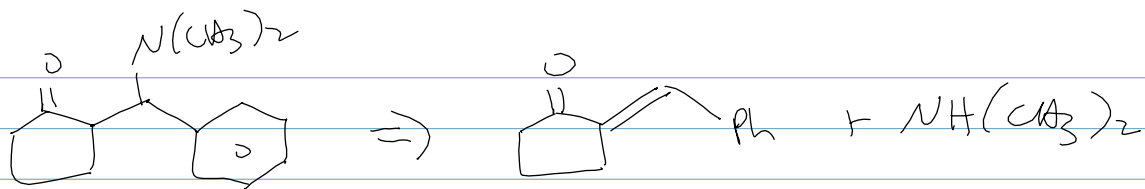
13



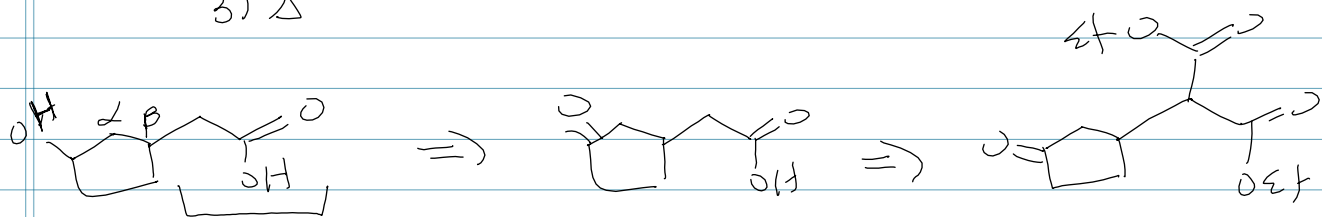
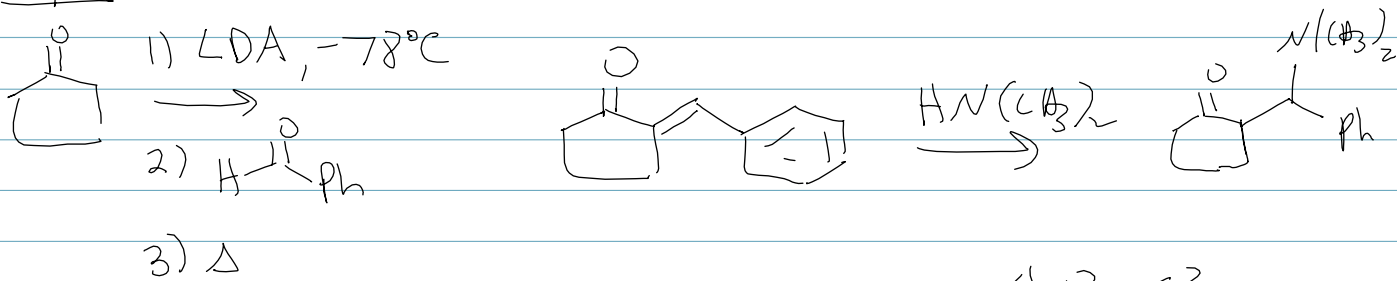


(14)





Syn



Syn

