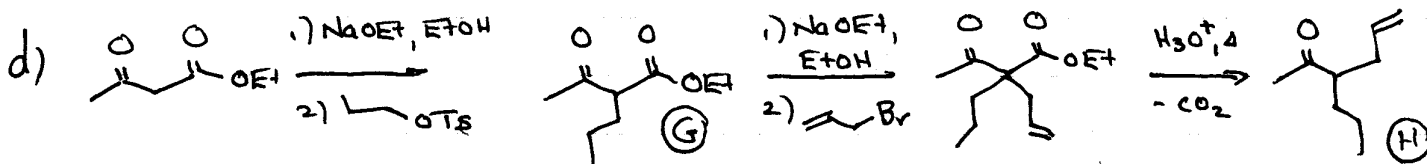
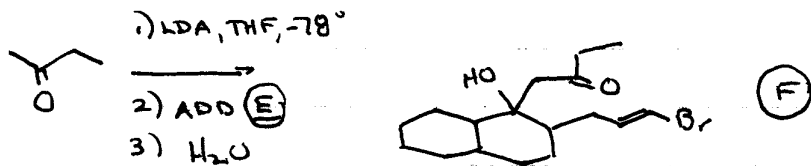
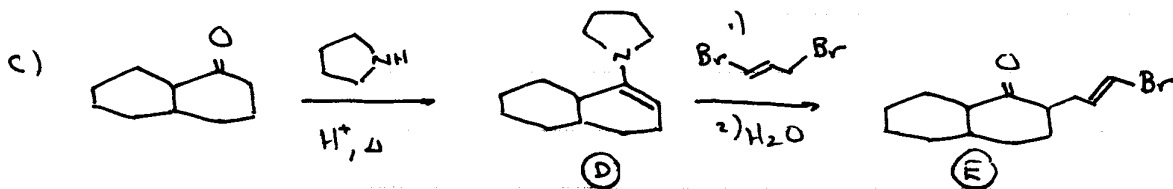
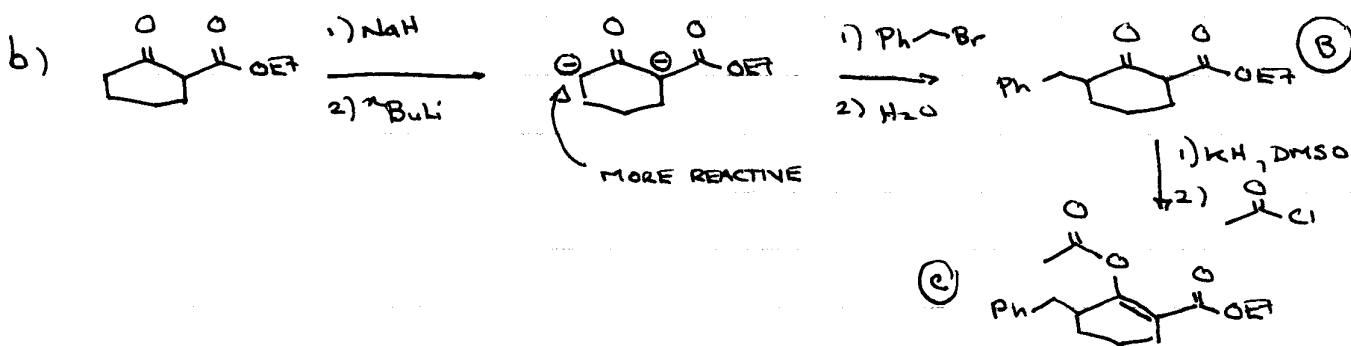
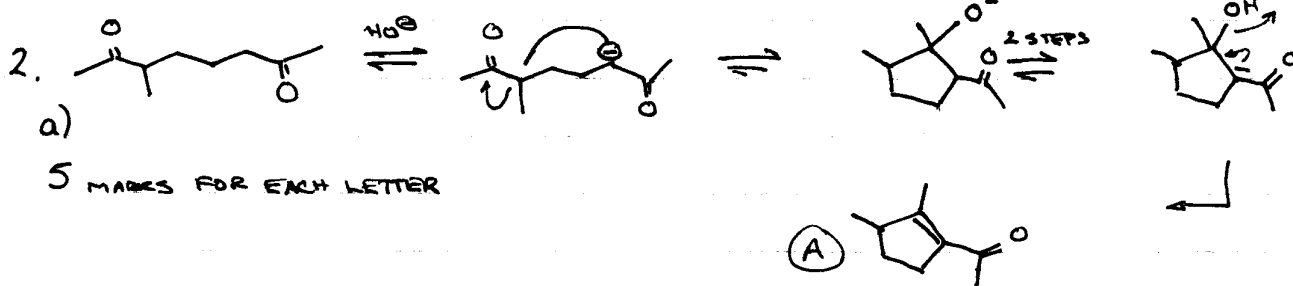
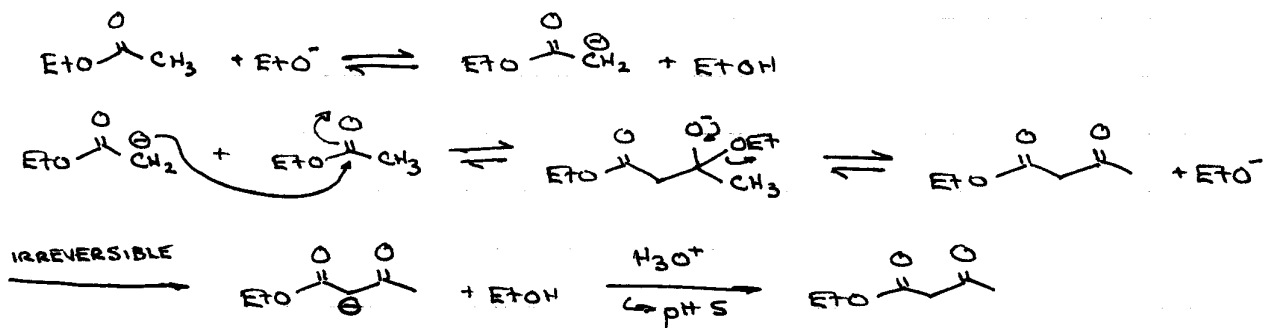
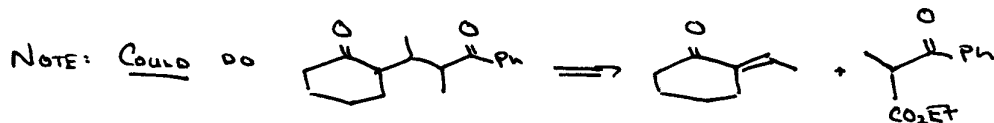
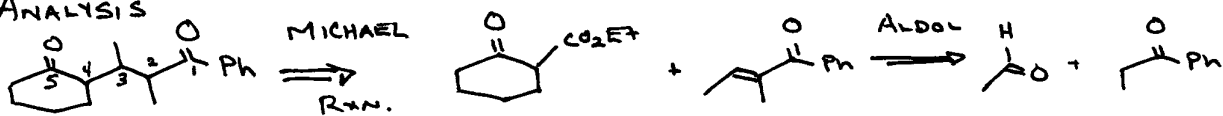


MIDTERM #1 - SUGGESTED SOLUTIONS

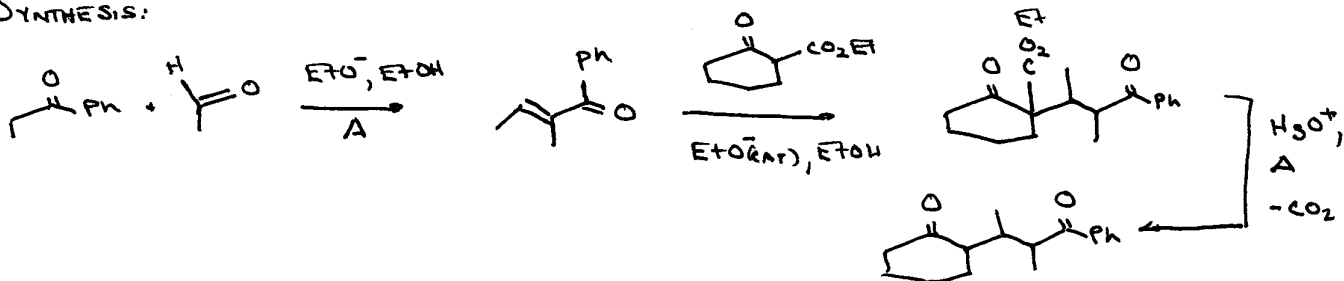
1.



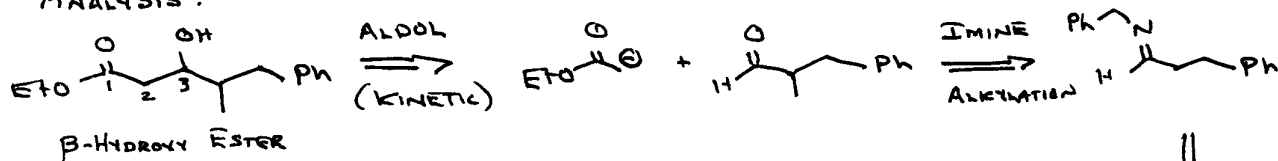
3a) ANALYSIS



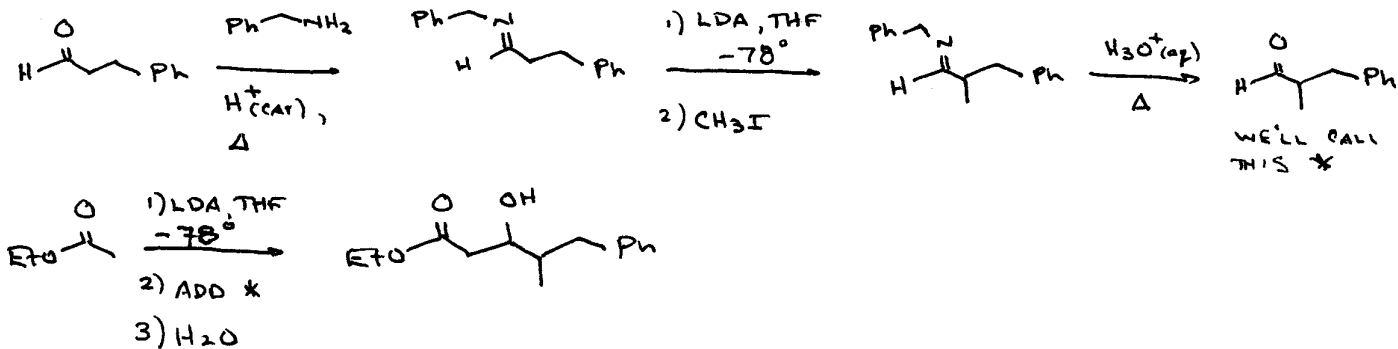
SYNTHESIS:



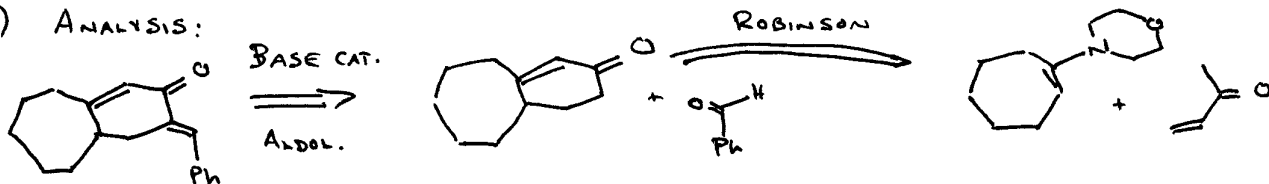
b) ANALYSIS:



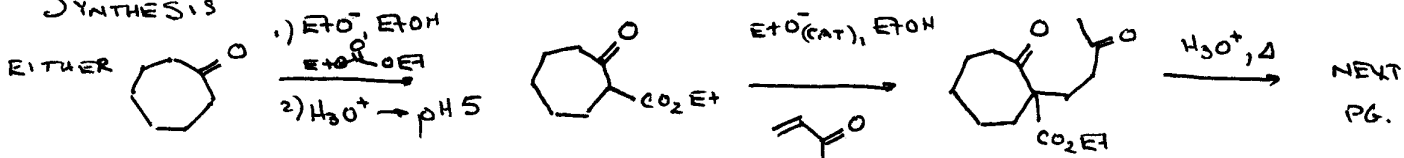
SYNTHESIS

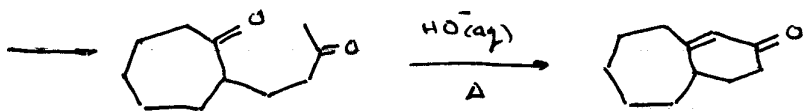


e) ANALYSIS:

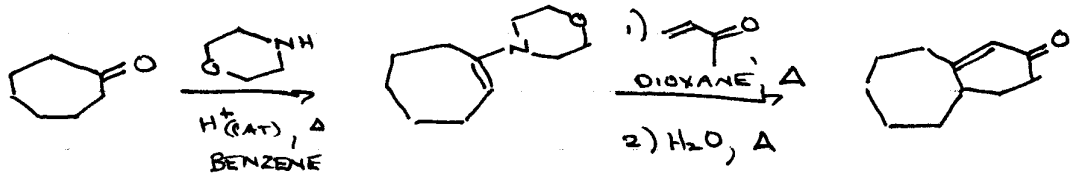


SYNTHESIS

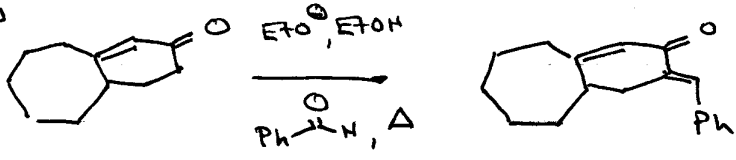




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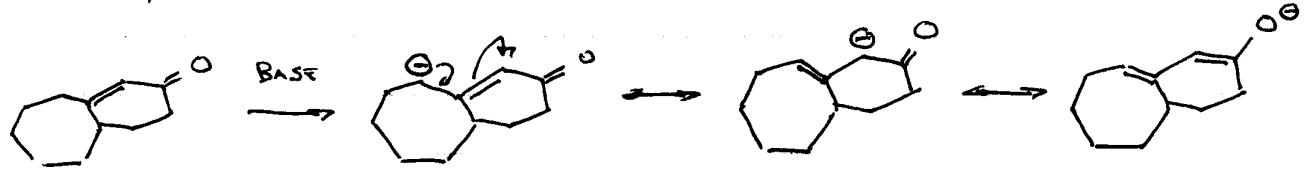


THEN

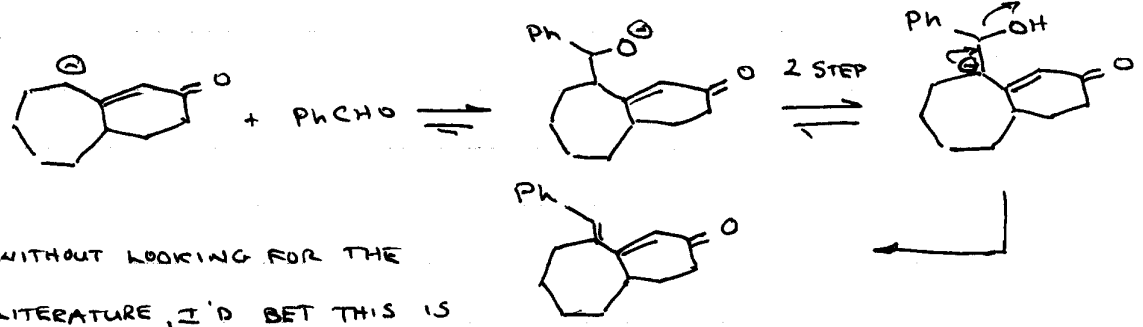


Bonus:

IN α,β -UNSATURATED CARBONYLS, THE δ -SITE IS ALSO ACIDIC, BECAUSE:



THEREFORE



IN FACT, WITHOUT LOOKING FOR THE SPECIFIC LITERATURE, I'D BET THIS IS ACTUALLY THE MAJOR PRODUCT