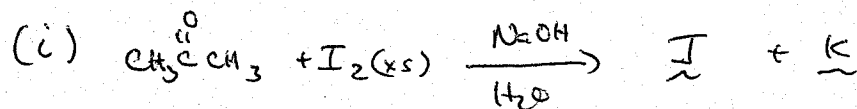
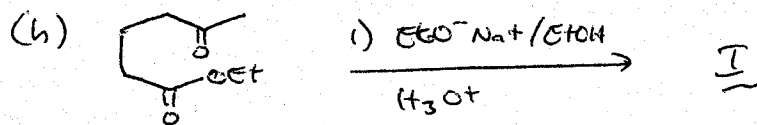
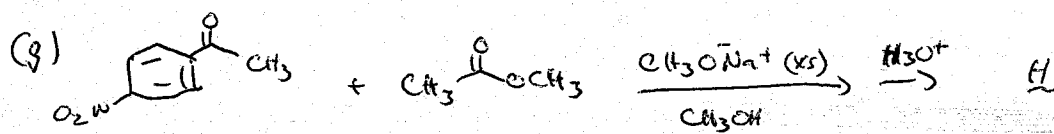
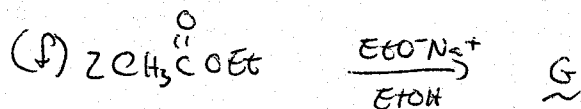
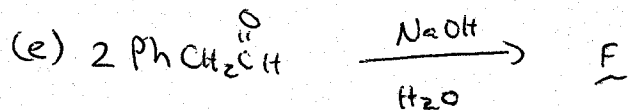
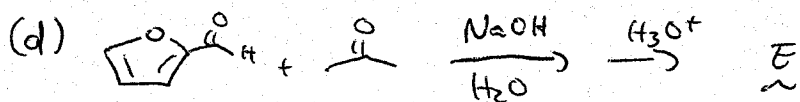
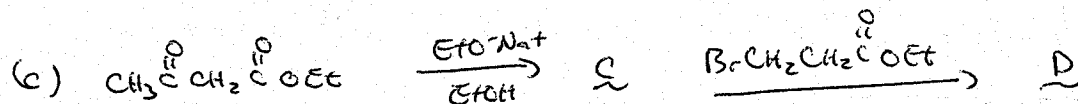
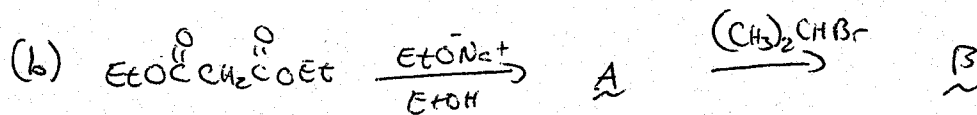
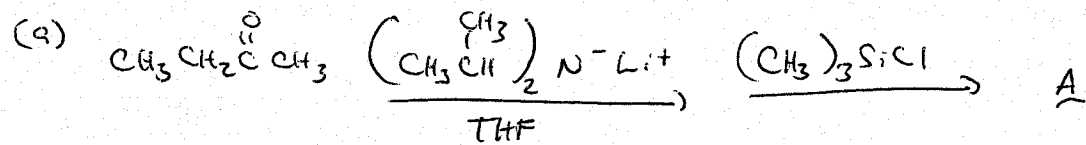
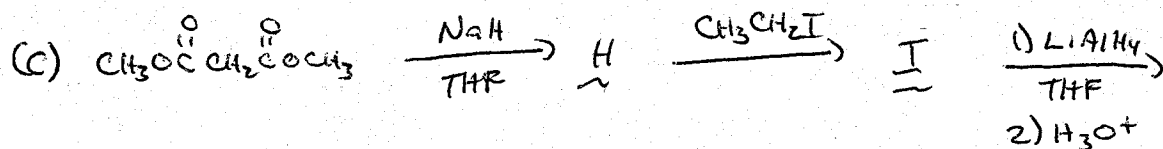
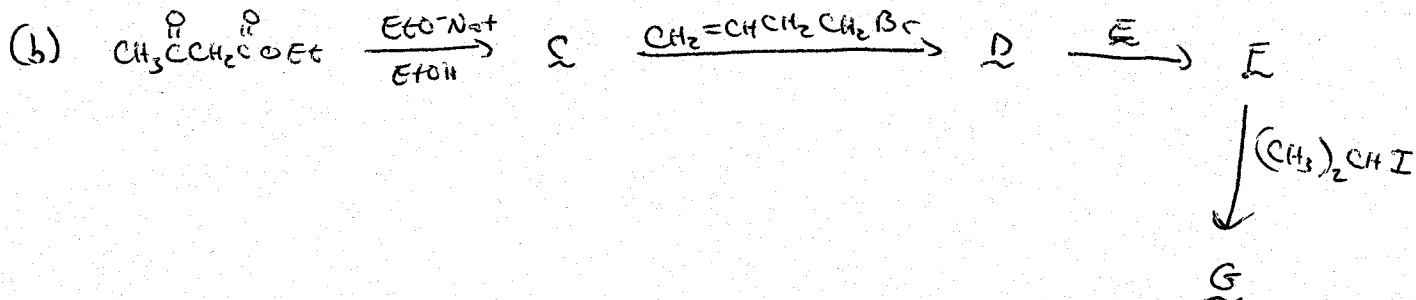
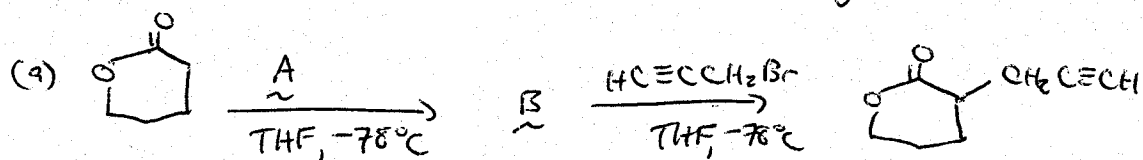


1. Predict the products:

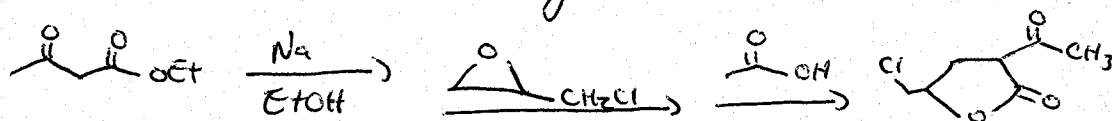


2. Fill in reagents or products where necessary:

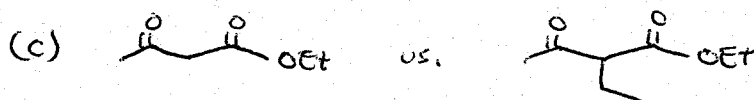
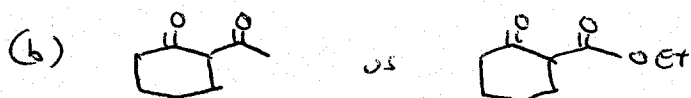
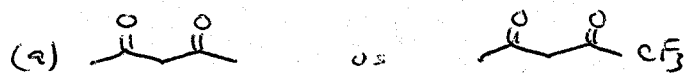


4

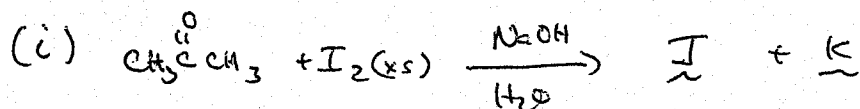
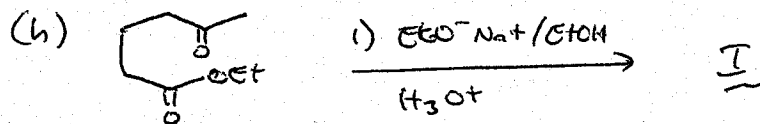
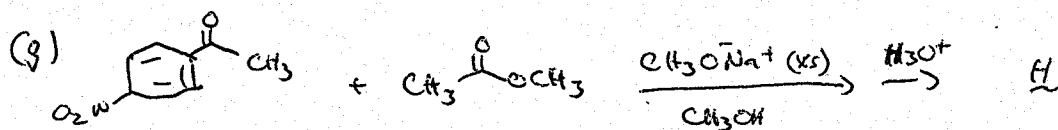
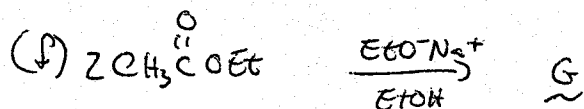
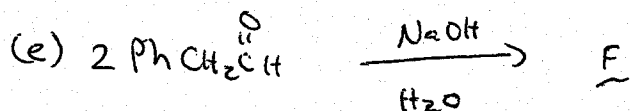
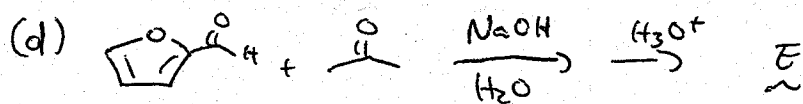
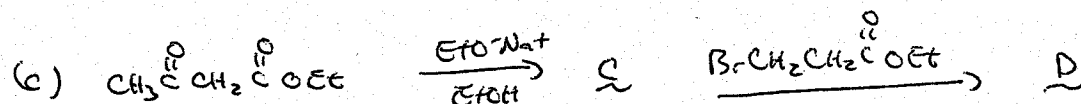
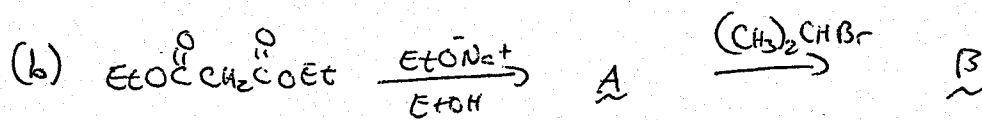
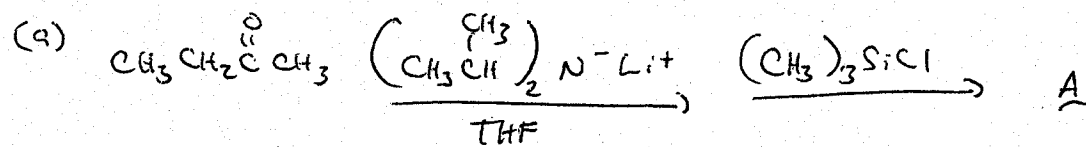
3. Propose a mechanism for the following Rxn:



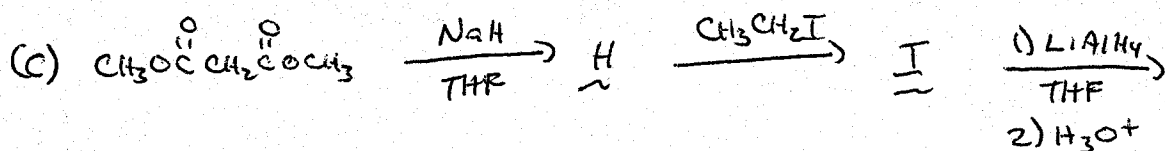
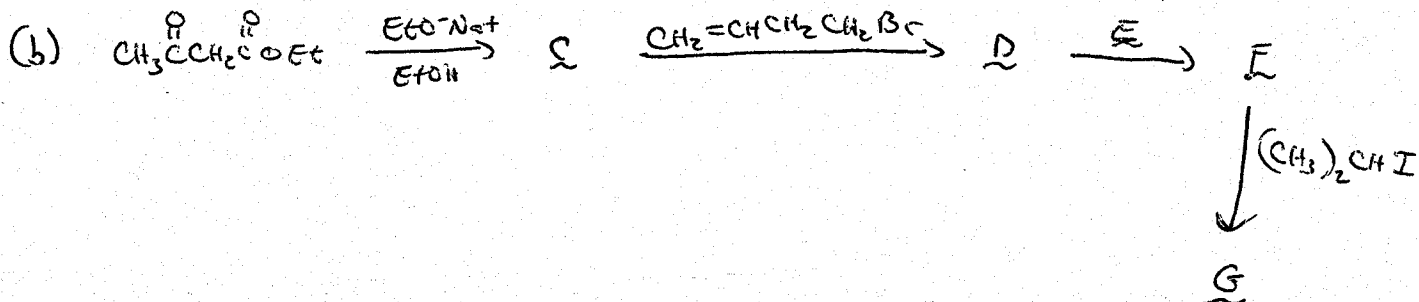
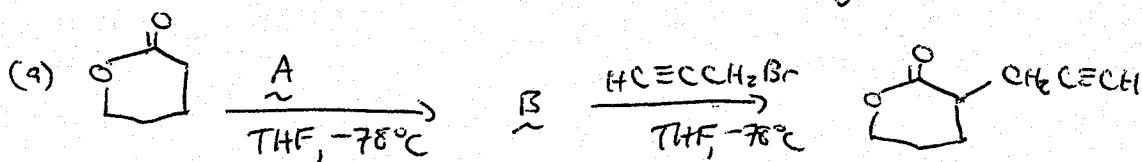
4. Pick the most acidic of the pairs of acids listed below:



1) Predict the products:

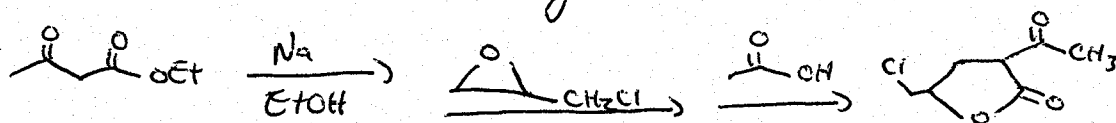


2. Fill in reagents or products where necessary:



4

3. Propose a mechanism for the following Rxn:



4. Pick the most acidic of the pairs of acids listed below:

