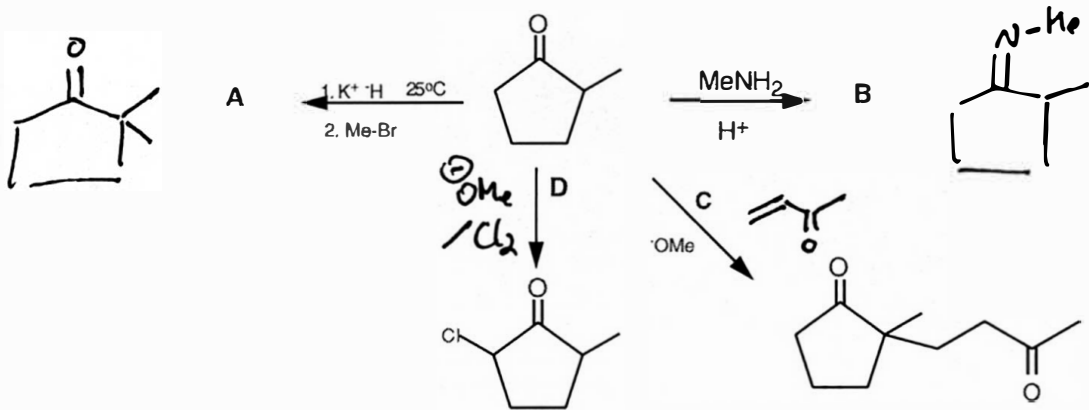
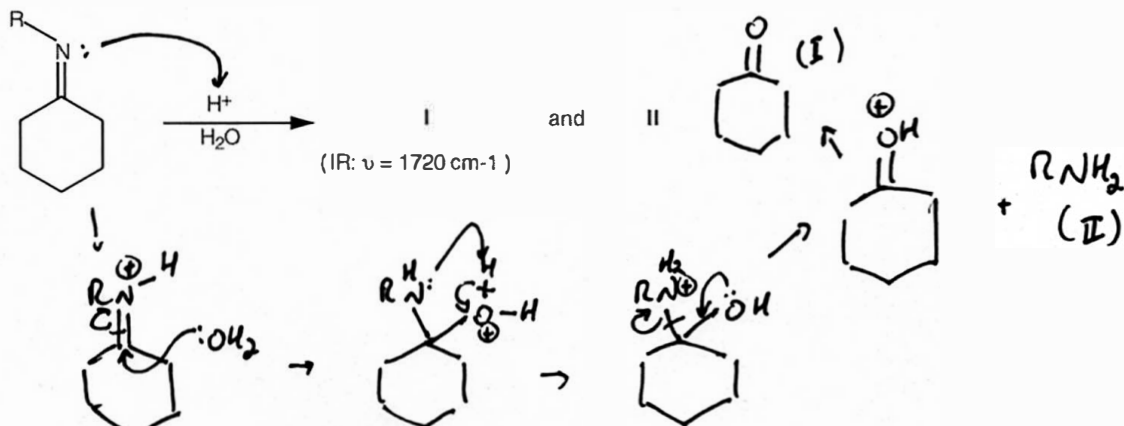


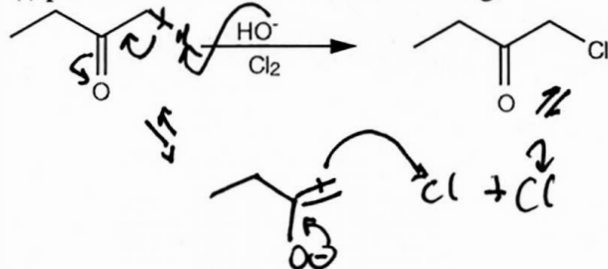
1 Provide products A and B, reactant C and reagent D for the following reactions:



2. Imines such as I below are easily hydrolyzed in aqueous acid to yield two products. Give the product for the reaction of I showing the mechanism of formation:



3. (i) provide a mechanism for the following:



(ii) the reaction in (i) above can keep going to produce the products below, a carboxylic acid and chloroform; give a mechanism that accounts for their production:

