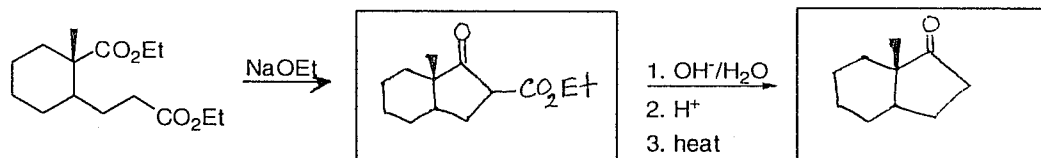
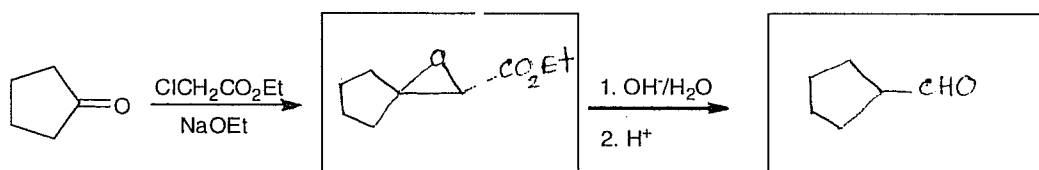
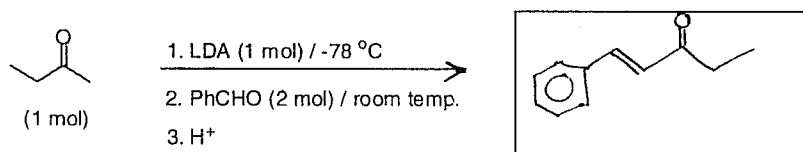


Answer Guide

Answer all questions.

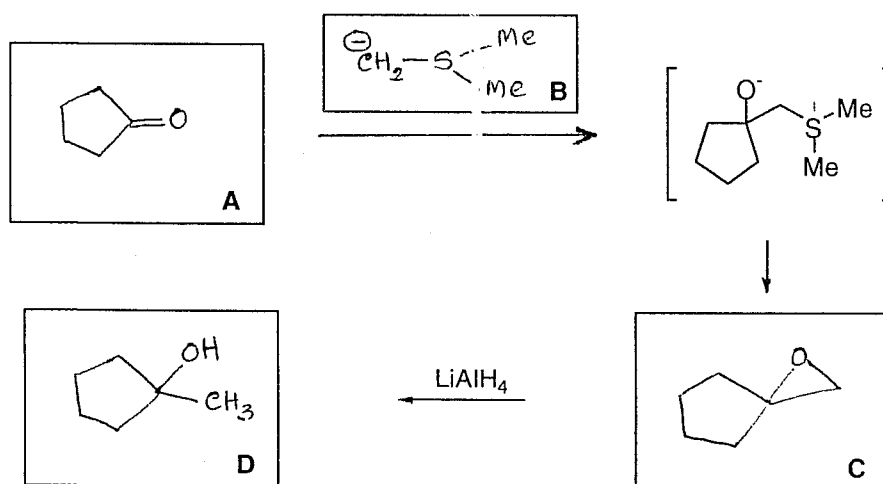
1. Give the structures of the products of the following reaction schemes.

(20 Marks)

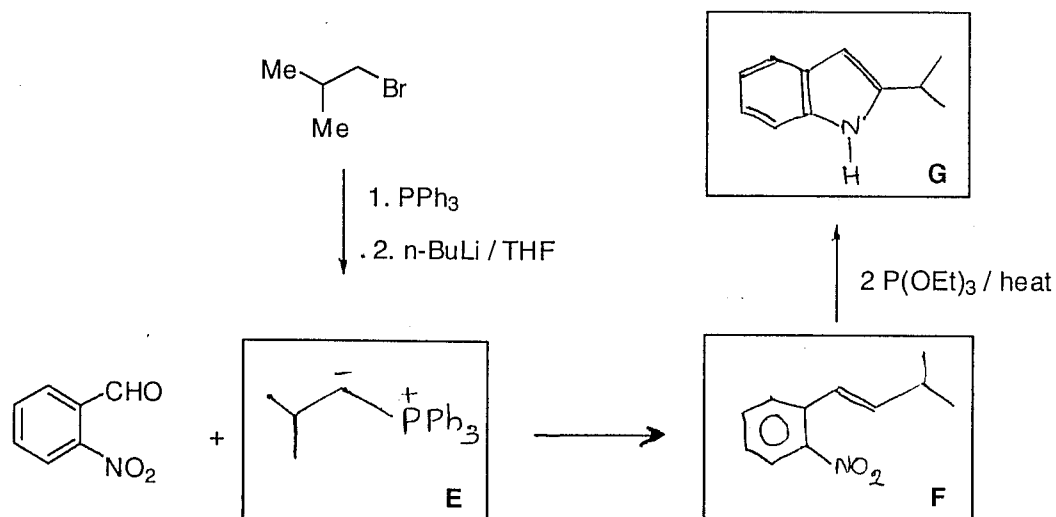


2. Give the structures of compounds / reagents (A – G) of the following reaction schemes

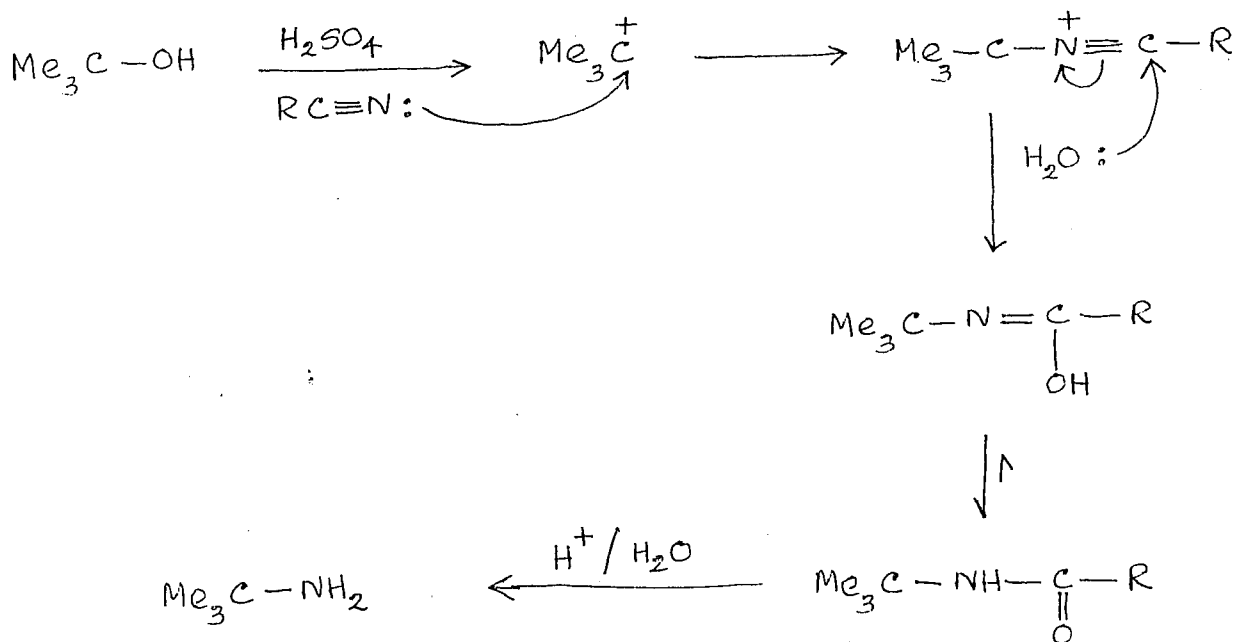
(35 Marks)



(b)

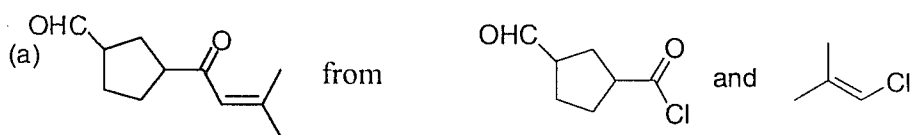


3. Show how you would use Ritter reaction to prepare $(\text{CH}_3)_3\text{C-NH}_2$ from $(\text{CH}_3)_3\text{COH}$ (10 Marks)

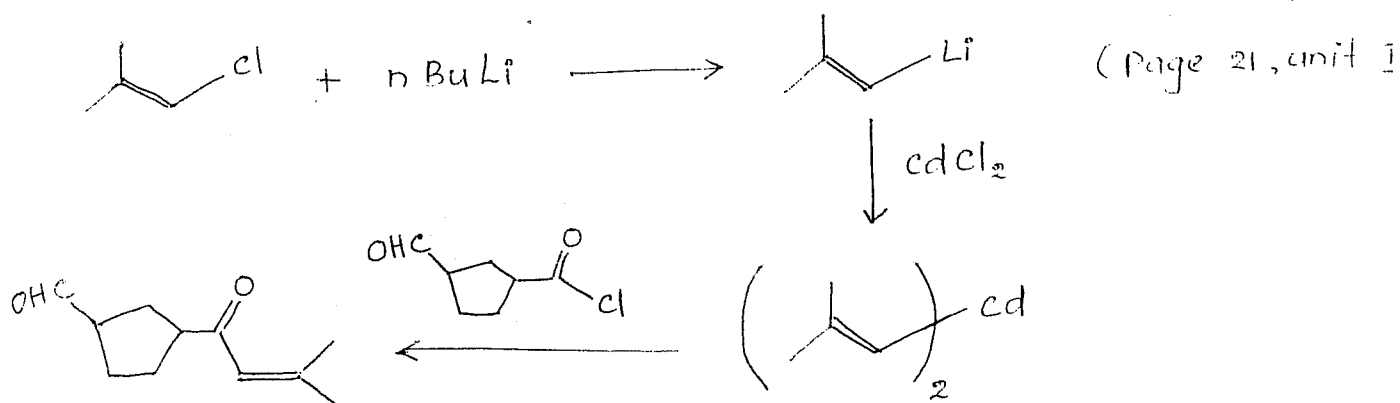


(Page 3, unit III)

4. Show how you would carry out the following syntheses.

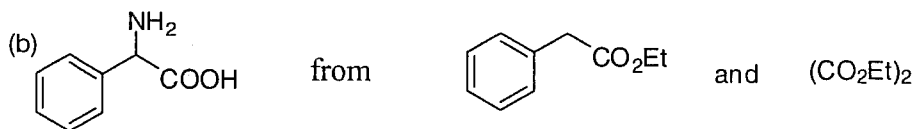


(20 Marks)

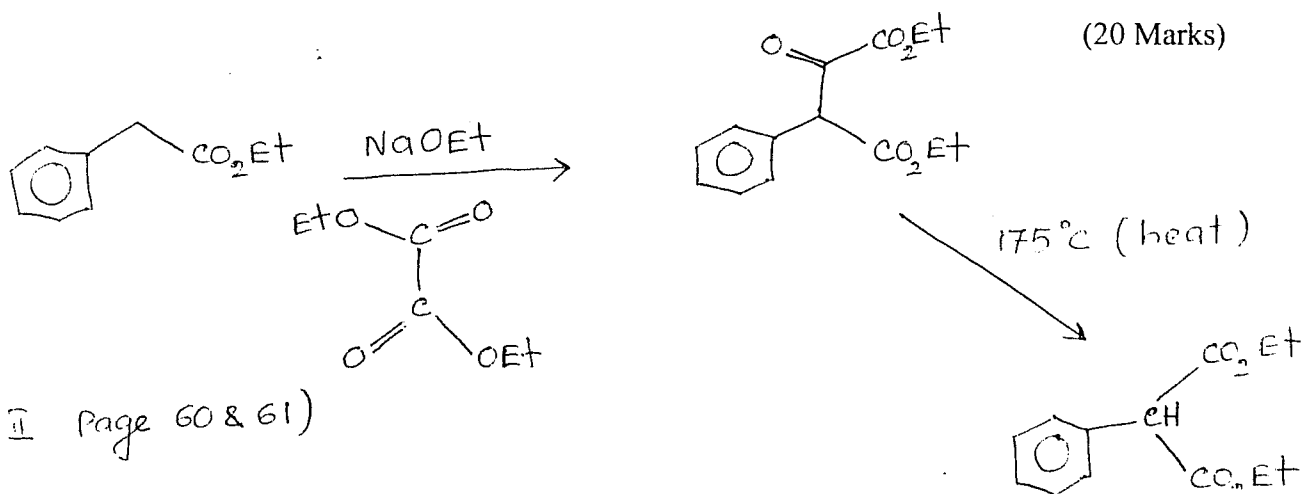


Organic Cd reagents do not react with $-CHO$ or $>C=O$ or esters.

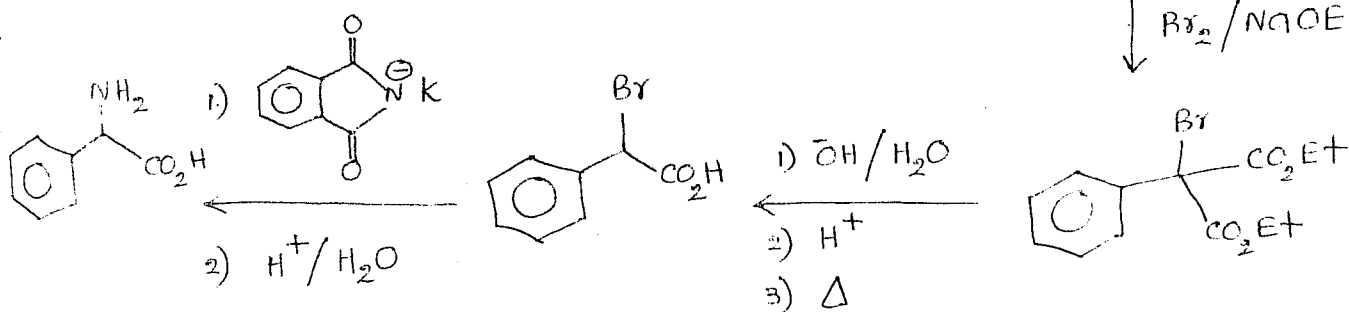
(Page 29, unit II)



(20 Marks)



(unit II Page 60 & 61)



(unit II Page 82)