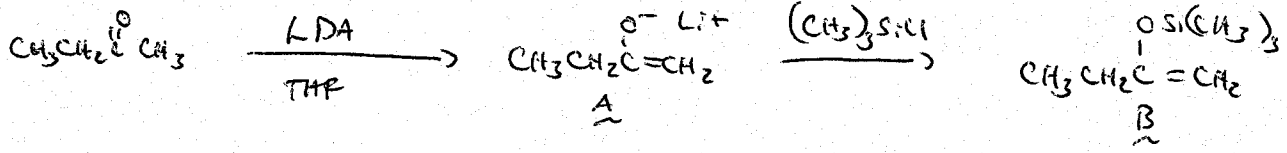
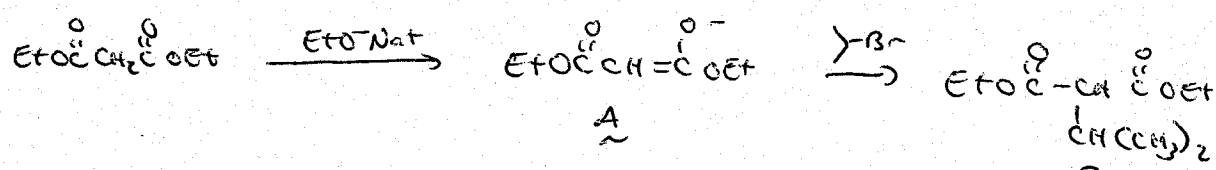
Problem Set #6 Answer key Ch 22

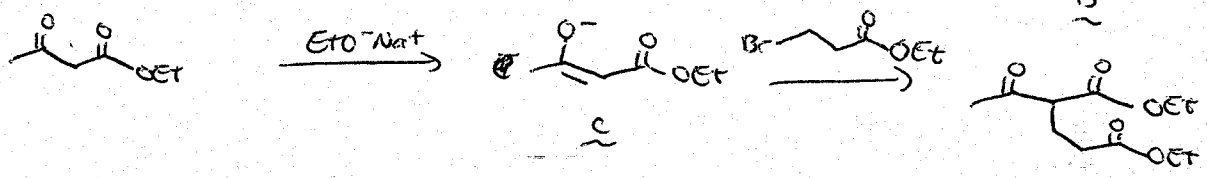
1) (a)



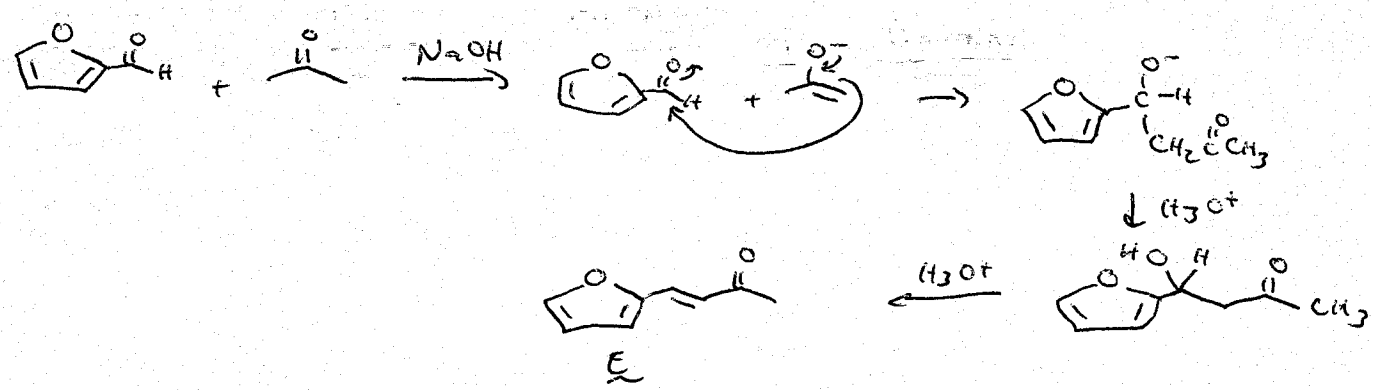
(b)



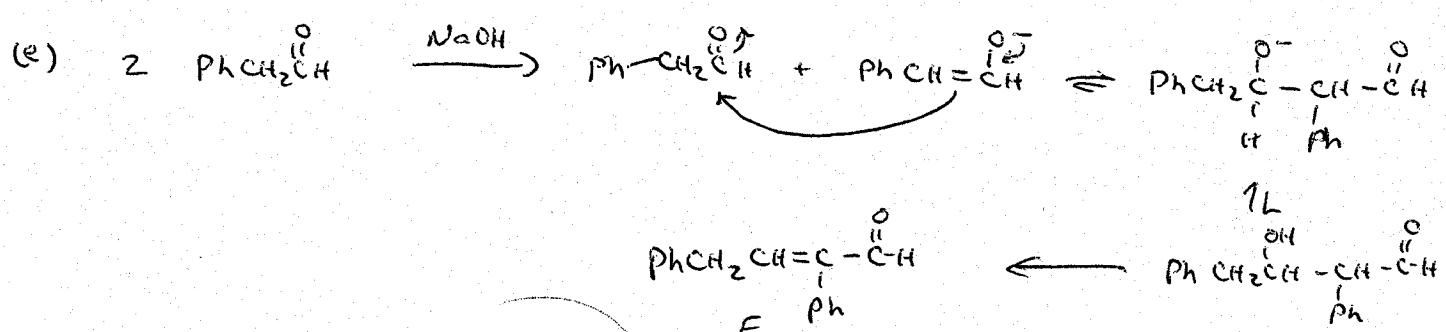
(c)



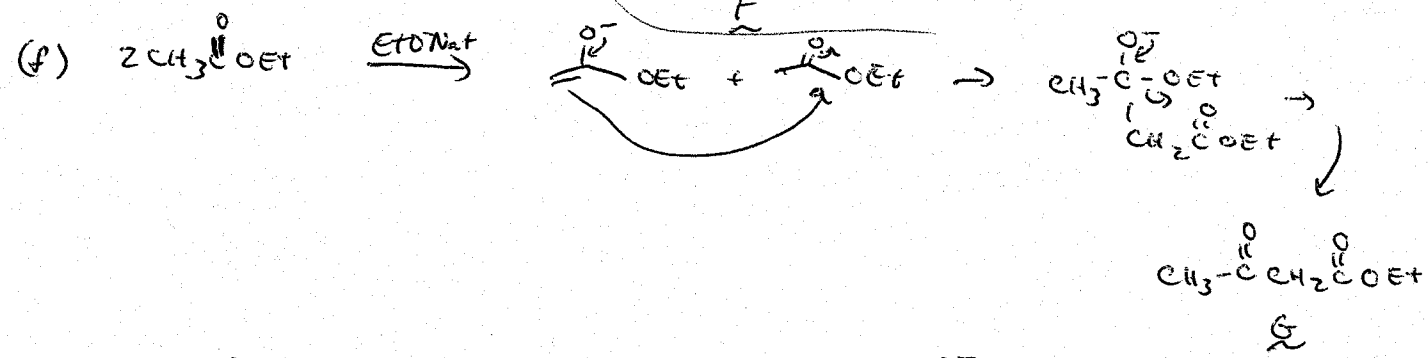
(d)



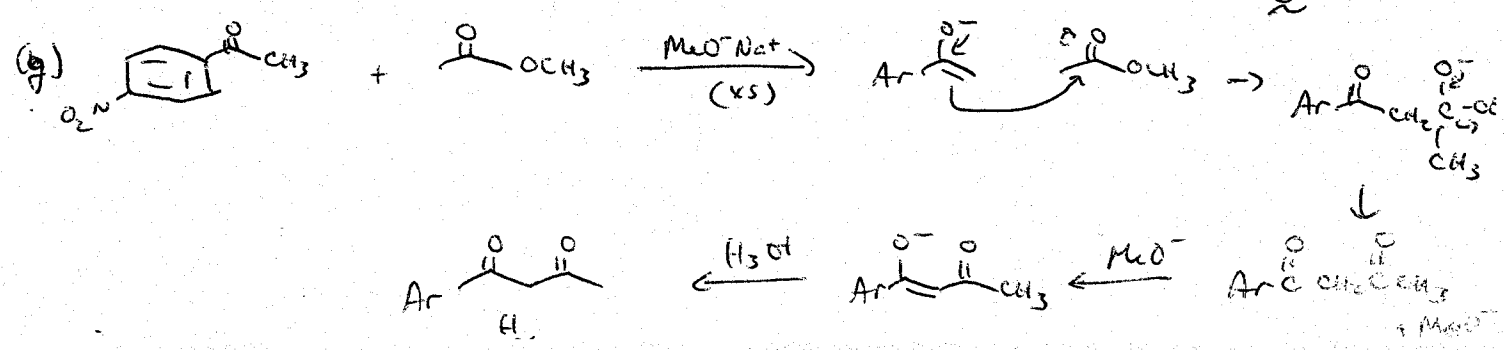
(e)



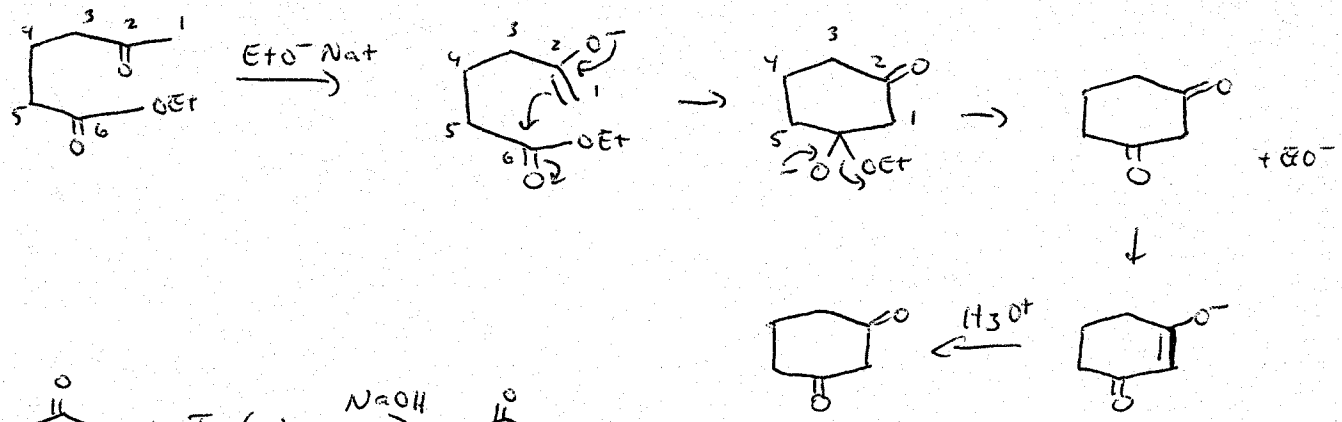
(f)



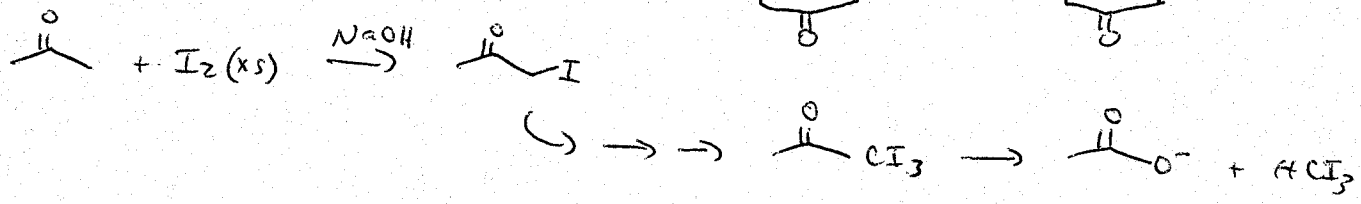
(g)



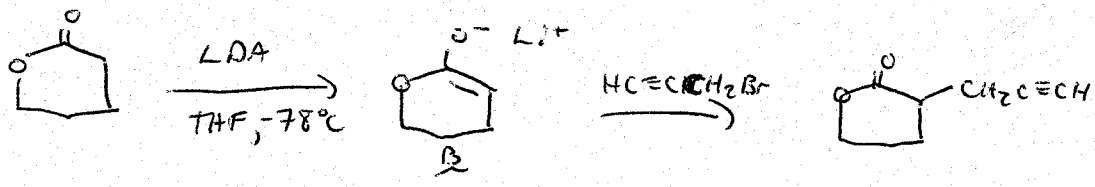
(h)



(i)



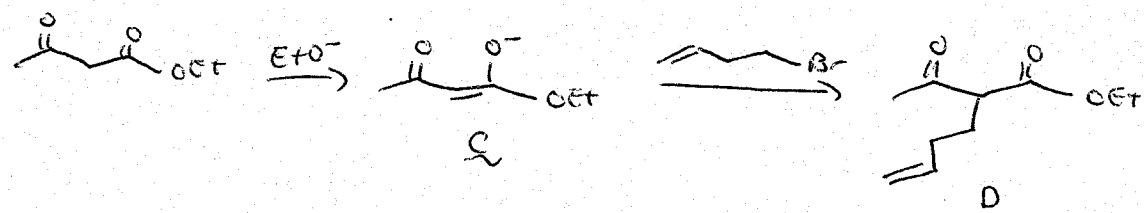
2. (a)



B

A = LDA

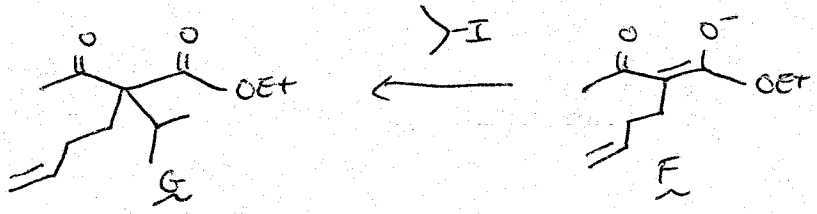
(b)



C

D

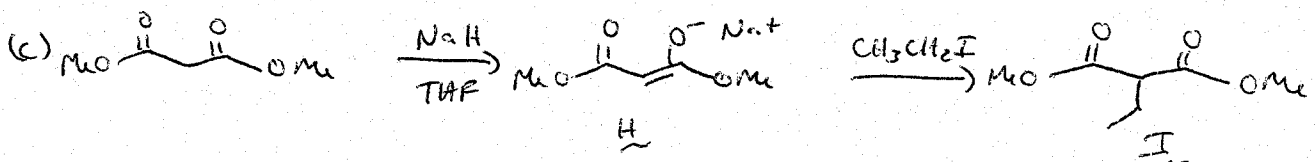
EtO⁻Na⁺ / EtOH ≡ E



G

F

(c)

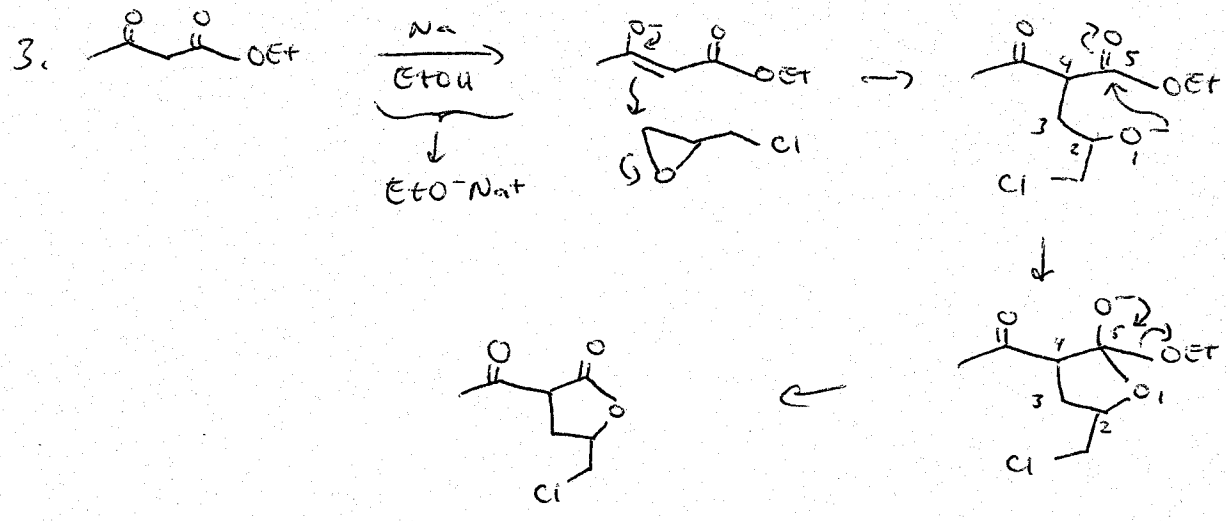


H

I

J

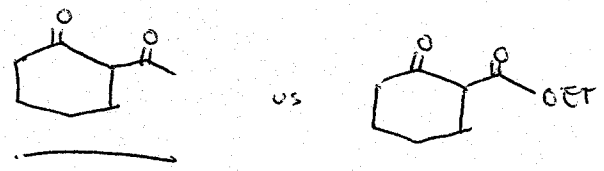
3.

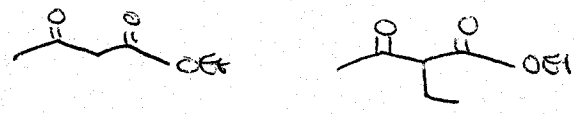


4. (a)

more acidic due to inductive effect of CF_3 group

(b)



ester is <u>less</u> acidic due to resonance

(c)