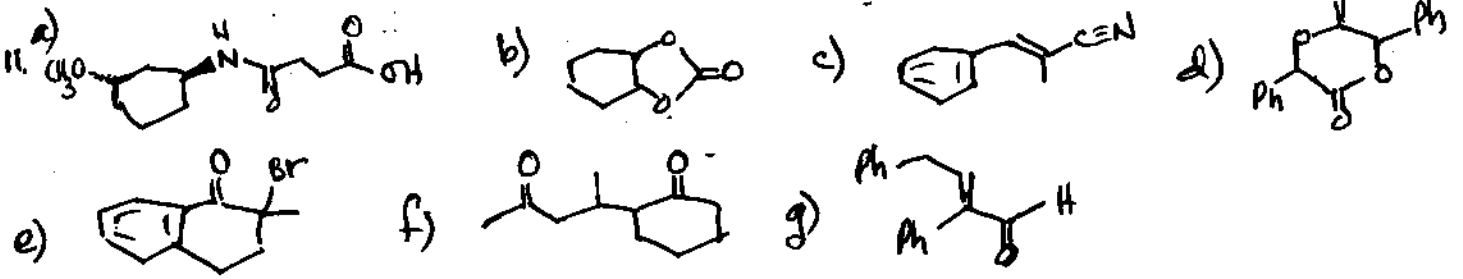
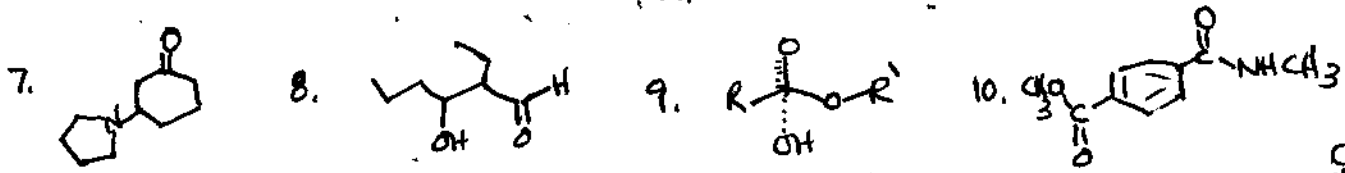
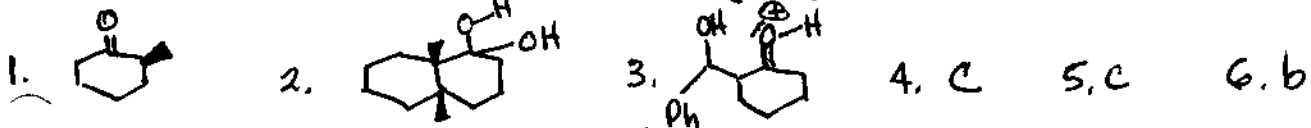
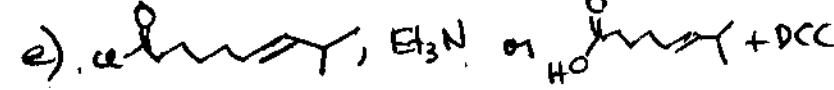
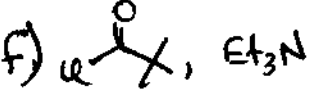



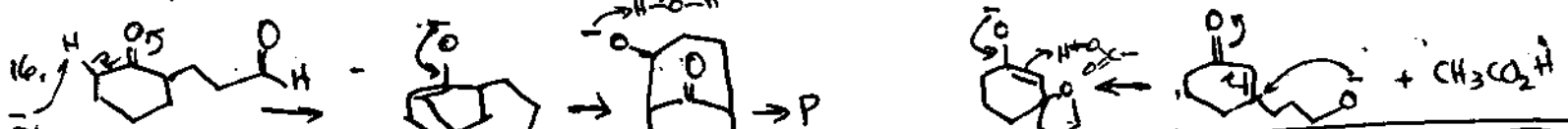
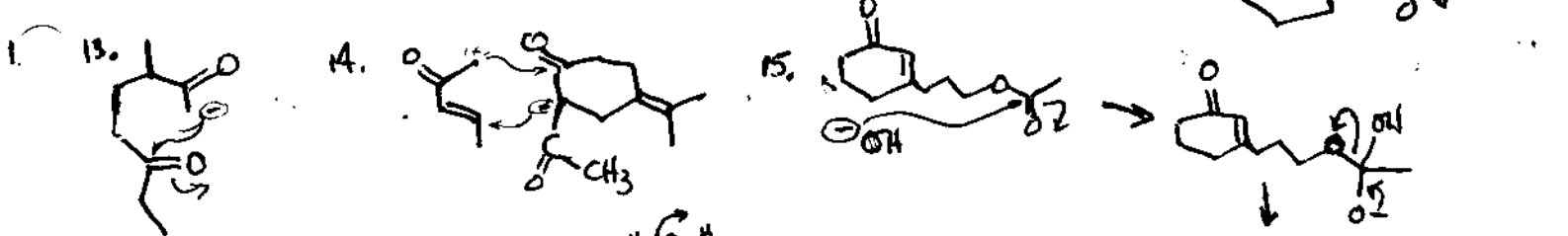
Prachia Exam 3 - Key -



12. a) 1)  $\text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2$ , 2)  $\Delta$  b) 1) LDA (1 eq), 2)  $\phi\text{-Br}$  c) don't worry about this one

d) 1)  $\text{CH}_3\text{NO}_2$ ,  $\text{B}_2$ , 2) Raney Ni e) 

f)  g) 1)  $\text{H}_3\text{O}^+$ , 2)  $\text{SOCl}_2$ , 3) MeOH,  $\text{Et}_3\text{N}$  12.   $\rightarrow$  etc.



Extra Credit

