

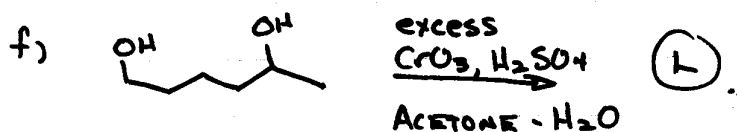
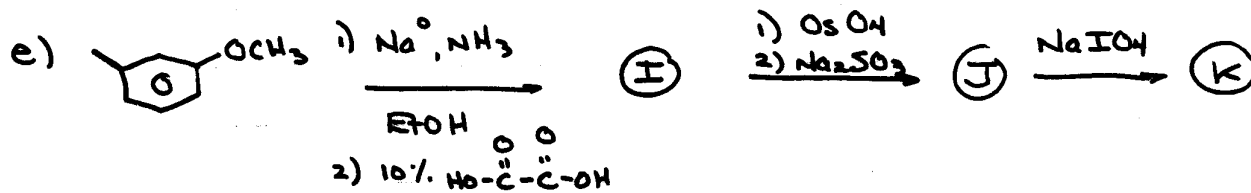
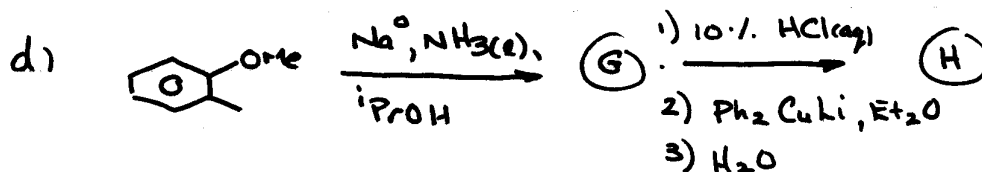
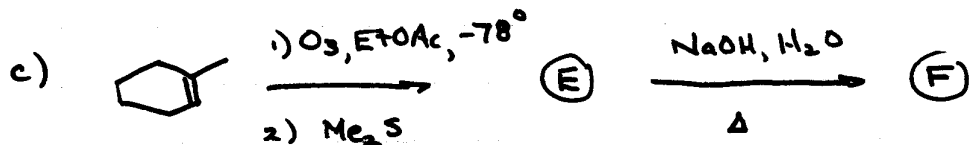
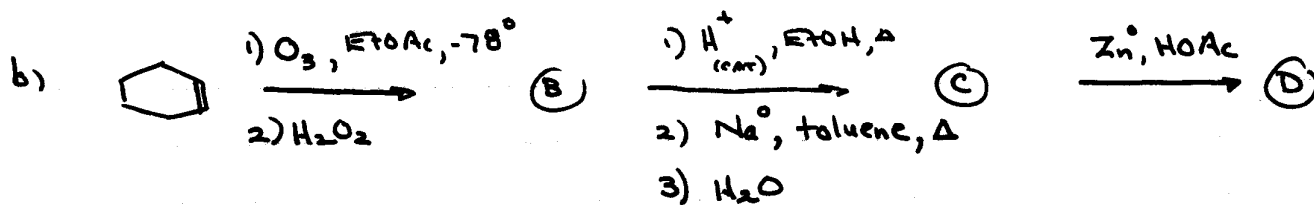
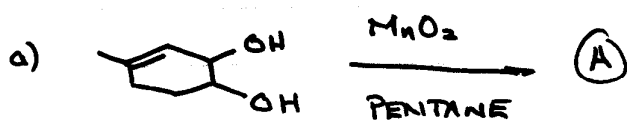
59-331/333

## ASSIGNMENT #3

MAR. 25, 2002

DUE APR. 5, 2002

I. PREDICT THE MOST LIKELY PRODUCTS OF THE FOLLOWING REACTIONS.



2. SHOW REASONABLE PATHWAYS FOR THE PREPARATION OF THE FOLLOWING TARGET CPDS. FROM THE INDICATED STARTING MATERIAL(S). USE ANY OTHER REAGENTS YOU WISH. SHOW ALL CONDITIONS AND ISOLABLE INTERMEDIATES.

