



# 四川大学研究生院

Graduate School of Sichuan University

三. 填空 (25') (30分) A B B D C, D A B C C, B D C D A

(1) A (2) B (3) B (4) D (5) C (6) D (7) A (8) B (9) C

(10) C (11) B (12) D (13) C (14) D (15) A

四. (1) 6分

(18分) (A) C1=CC=CC=C1OC (B) C1=CC=CC=C1O (C) CI

(2) 12分

(A) HO2CCH2CH=CH2 (B) C1=CC=CC=C1C(=O)O

(C) HO2CCH2CH=CH2

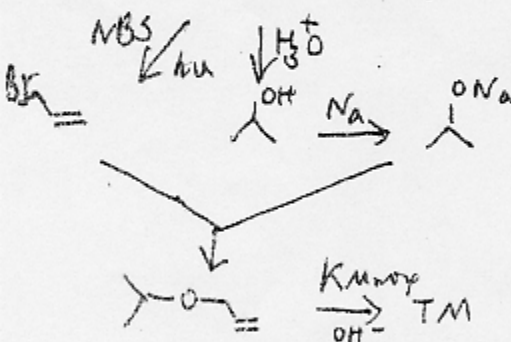
五. 填空 (10分)

(1) ① FeCl3 ② Na ③ NaHCO3

(2) I2/NaOH, Tollens AgNO3/NH3

六. 填空 (27分) (27分)

(1) CH3CH=CH2  $\Rightarrow$  CH3CH(OH)CH2OH (2) (1) NaOCH3 (2) CH3CH(Br)CH2Br  $\xrightarrow{H_3O^+}$  TM



(3) CH2=CH2  $\xrightarrow{Br_2}$  BrCH2CH2Br  $\xrightarrow{NaNH_2}$  CH\equiv CH  $\xrightarrow{2HBr}$  CH3CH2Br  $\xrightarrow{APBr_3}$  TM