

國立臺北科技大學九十九學年度碩士班招生考試

系所組別：3520 化學工程研究所乙組

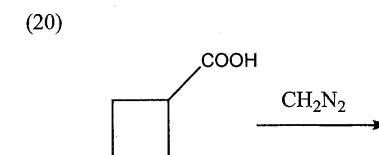
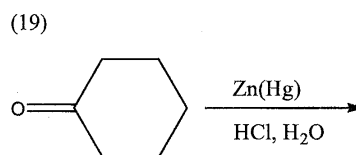
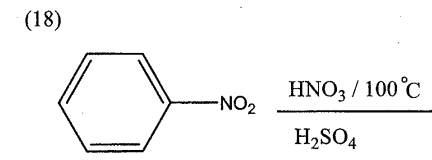
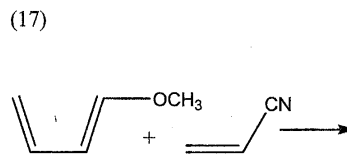
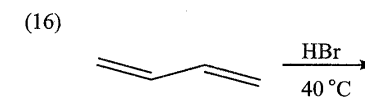
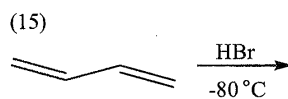
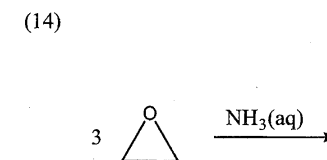
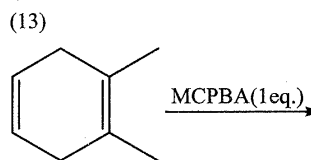
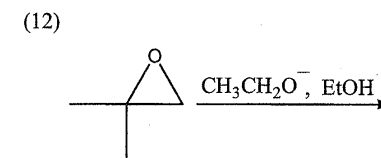
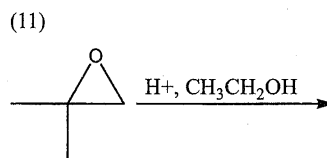
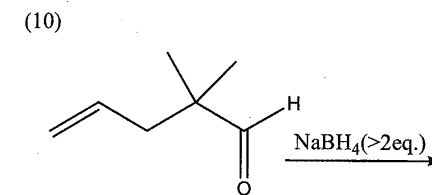
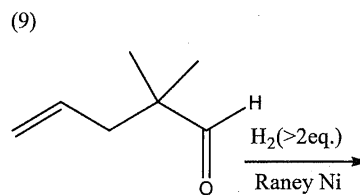
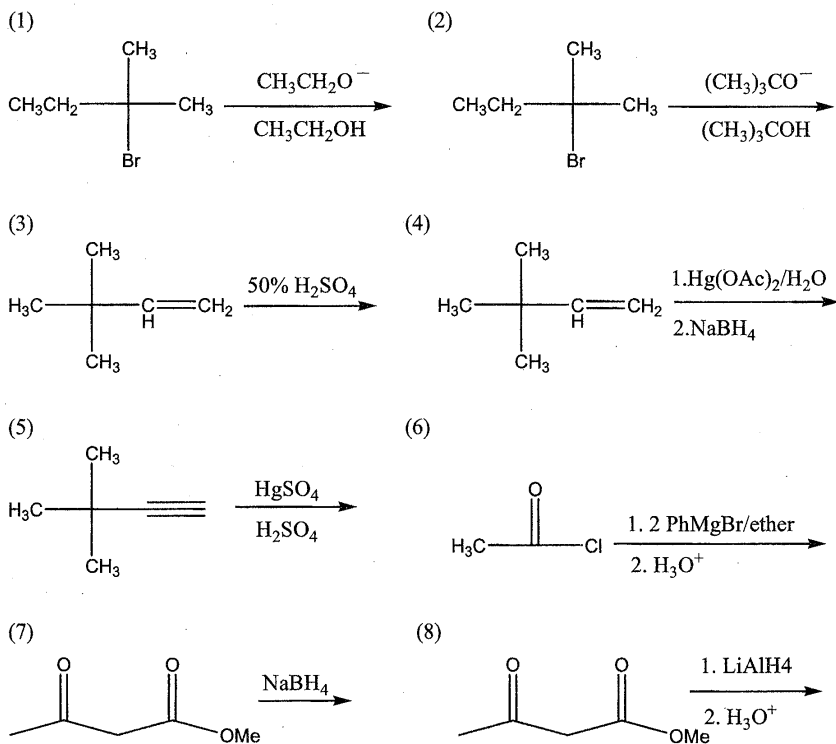
第二節 有機化學 試題

第一頁 共二頁

注意事項：

1. 本試題共 3 題，配分共 100 分。
2. 請標明大題、子題編號作答，不必抄題。
3. 全部答案均須在答案卷之答案欄內作答，否則不予計分。

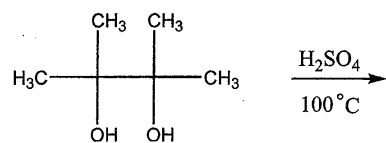
1. Give the expected major product for each reaction, including stereochemistry where applicable. (60%, 3 points each)



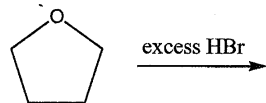
注意：背面尚有試題

2. Finish and propose mechanisms for the following reaction. (20%, 10 points each)

(1)

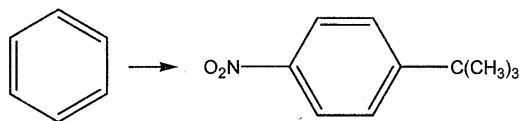


(2)



3. Show how would accomplish the following syntheses. You may use whatever additional reagents you need. (20%, 10 points each)

(1)



(2)

