

國立臺北科技大學 102 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：

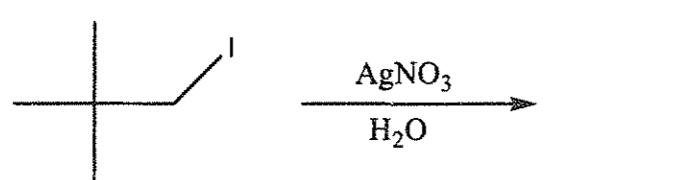
1. 本試題共 2 題，配分共 100 分。
2. 請標明大題、子題編號作答，不必抄題。
3. 全部答案均須在答案卷之答案欄內作答，否則不予計分。

1. Give the major product of the following reactions. (5 points each, 50%)

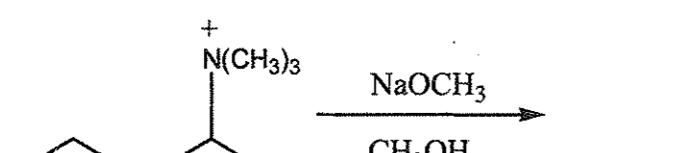
a.



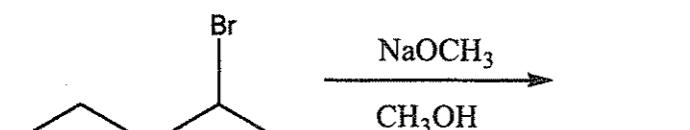
b.



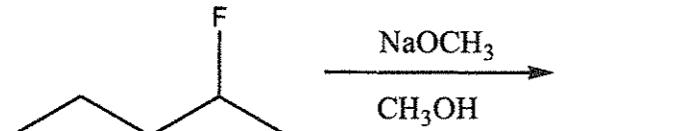
c.



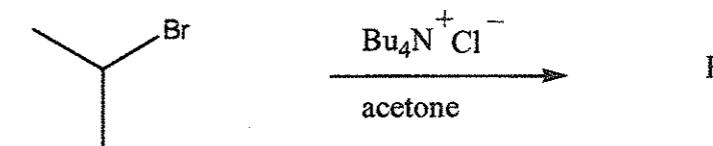
d.



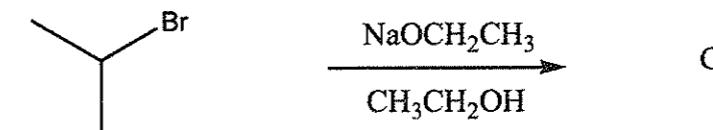
e.



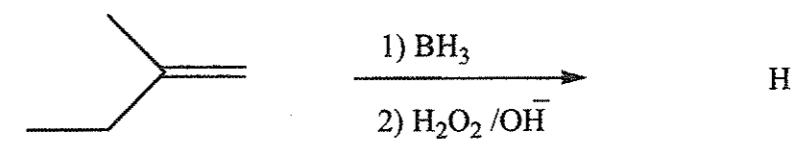
f.



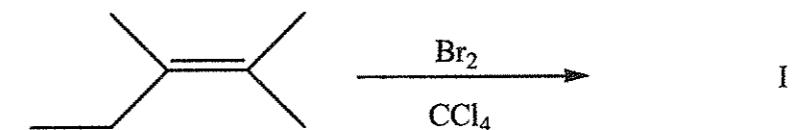
g.



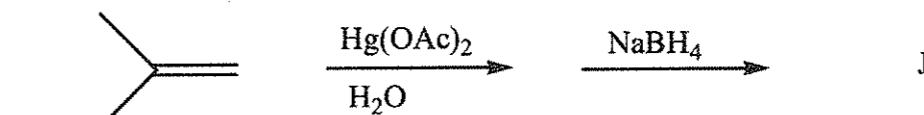
h.



i.

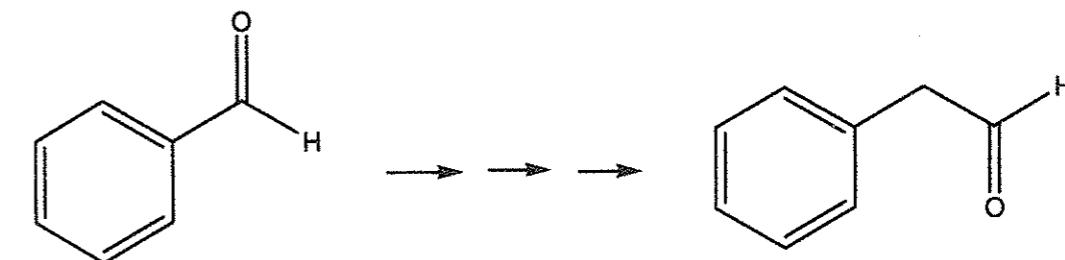


j.



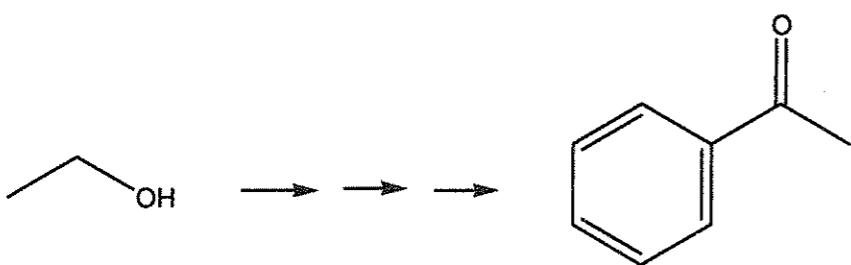
2. Propose a reasonable synthetic procedure of the following case. (10 points each, 50%)

k.

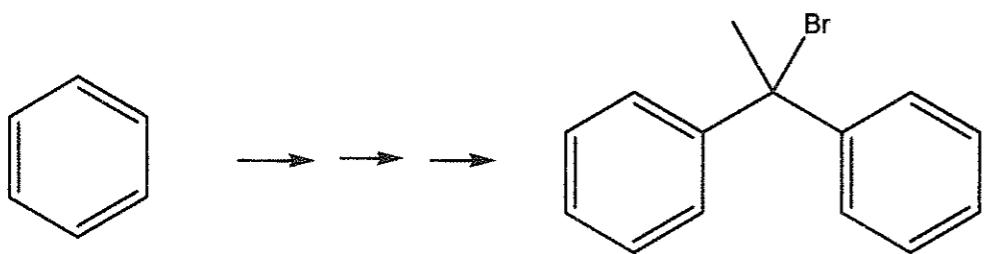


注意：背面尚有試題

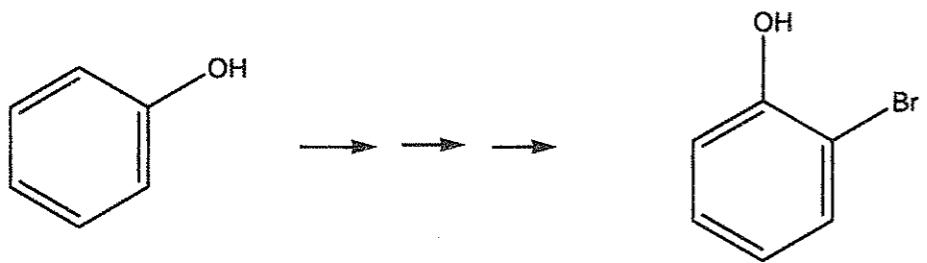
l.



m.



n.



o.

