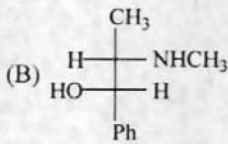
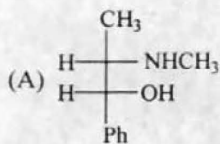
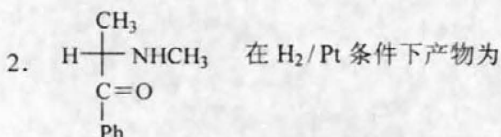
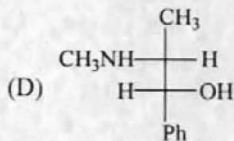


一、回答下列各问题 (15 分)

1. 指出下列共振结构式中, 哪个式子是错的, 为什么?



(C) 外消旋产物



3. 完成下列反应所用氧化剂是



(A) $\text{KMnO}_4 / \text{H}^{\oplus}$

(B) $\text{KMnO}_4 / \text{OH}^\ominus$

(C) $\text{K}_2\text{Cr}_2\text{O}_7 / \text{H}^+$

(D) CrO_3 / 吡啶

4. 按烯醇式含量由高到低排列

(A) $\text{CH}_2(\text{COOC}_2\text{H}_5)_2$

(B) $\text{C}_6\text{H}_5\text{COCH}_2\text{COC}_6\text{H}_5$

(C) $\text{CH}_3\text{COCH}_2\text{COCH}_3$

(D) $\text{CH}_3\text{COCH}_2\text{COOC}_2\text{H}_5$

5. 按碱性从大到小排列是

(A) CH_3NH_2

(B) $(\text{CH}_3)_4\text{N}^+\text{OH}^-$

