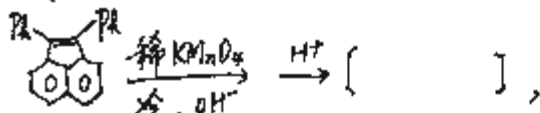
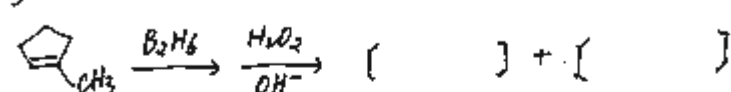

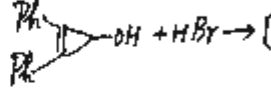
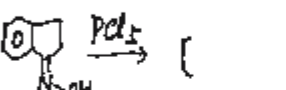
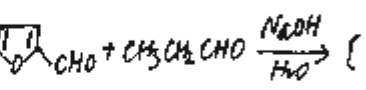
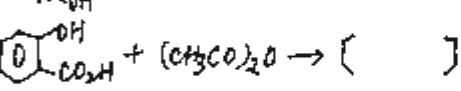
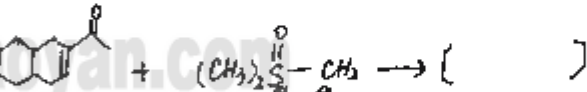
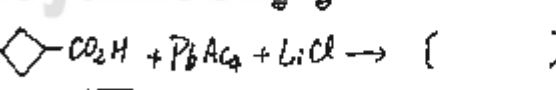
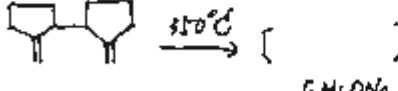
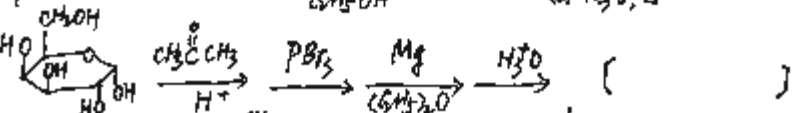


2000 年南开大学有机化学（生物系）考研试题

考研加油站收集整理 <http://www.kaoyan.com>

一、完成下列反应式（共21分，每空1分）

1.  ,
2. $\text{CH}_3\text{CH}_2\text{C}(\text{CH}_3)=\text{CH}_2 \xrightarrow[\text{H}_2\text{O}]{\text{H}_2\text{Ac}_2/\text{H}_2\text{O}} \xrightarrow{\text{NaBH}_4} \{ \quad \quad \}$
3.  + { $\quad \quad$ }
4.  , 5.  { $\quad \quad$ }
6.  { $\quad \quad$ }, 7.  { $\quad \quad$ }
8.  { $\quad \quad$ }.
9.  { $\quad \quad$ }
10.  { $\quad \quad$ }
11.  { $\quad \quad$ }
12. $\text{PhCHO} + \text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_3 \xrightarrow[\text{CH}_3\text{OH}]{\text{CH}_3\text{ONa}} \{ \quad \quad \} \xrightarrow[\text{H}_3\text{O}^+]{\text{CH}_3\text{OH}, \text{H}_2\text{O}} \{ \quad \quad \}$
13.  { $\quad \quad$ }
14. $\text{Ph-N}=\text{C}=\text{S} + \text{H}_2\text{N}-\text{CH}(\text{CH}_3)-\text{C}(=\text{O})-\text{NH}-\text{CH}(\text{CH}_3)-\text{COOH} \xrightarrow{\text{HCl}(\text{cat})} \{ \quad \quad \} + \{ \quad \quad \}$