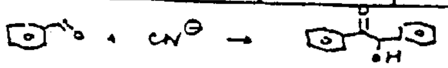
1998

复旦大学19 年攻读硕士学位研究生入学考试试题

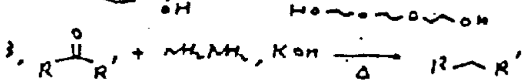
标 准 答 案

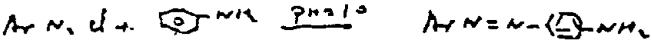
专业		科目	有机化学

一. 1,



2, $\phi_3P=CHR$ 3,

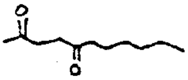
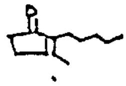


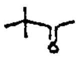
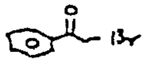
4, ArN_2Cl + 

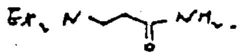
5. $RCONH_2$ + NaOH, Br_2 $\xrightarrow{H_2O}$ RNH_2

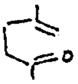
二. 1, c > a > b. 2, c > a > b; 3 c > a > b.

4, a > c > b, 5, a > c > b.

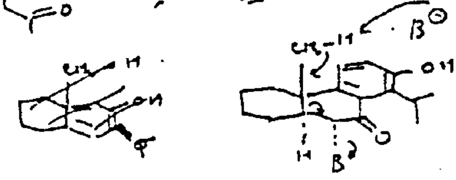
三. 1, HCOOEt; 2,  3, 

4,  5, $R_2C=O$. 6, 

7,  8, 

9,  10, 

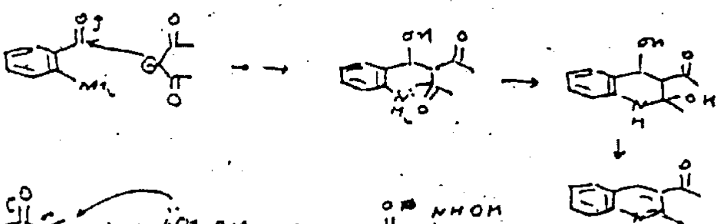
四. 1,



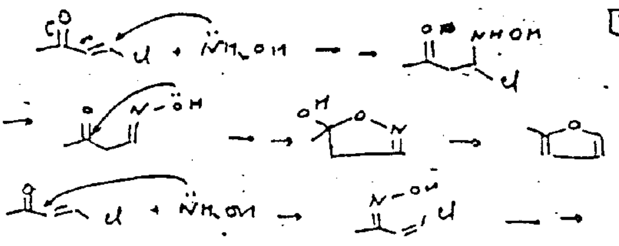
→ A 1,7, 顺式消除水.

B 3. 又不同1.

2,

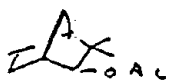


3.



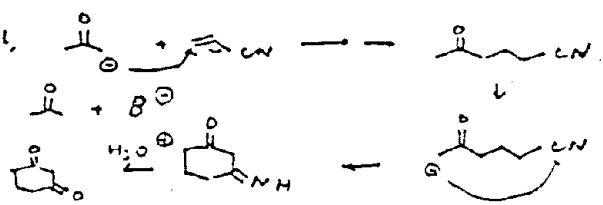
4.

a →



b →

三. 1.



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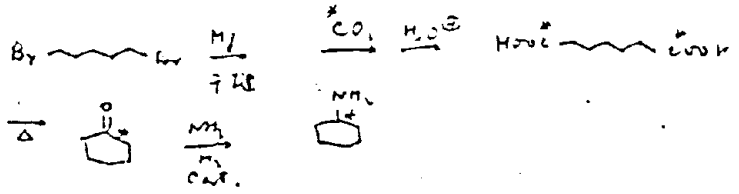
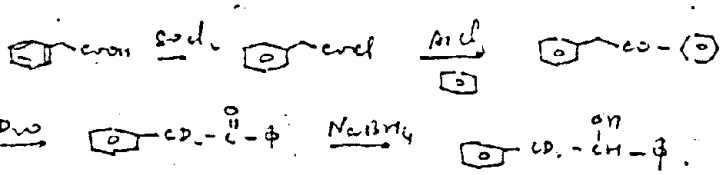


3.



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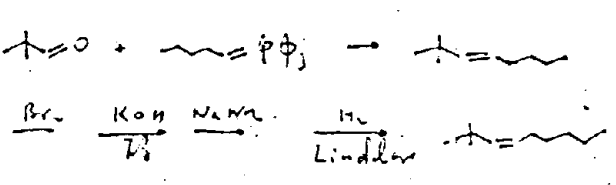
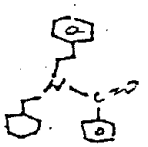
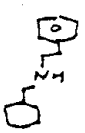


六. 1. A.



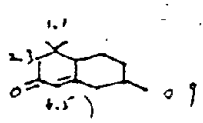
B.



C

D

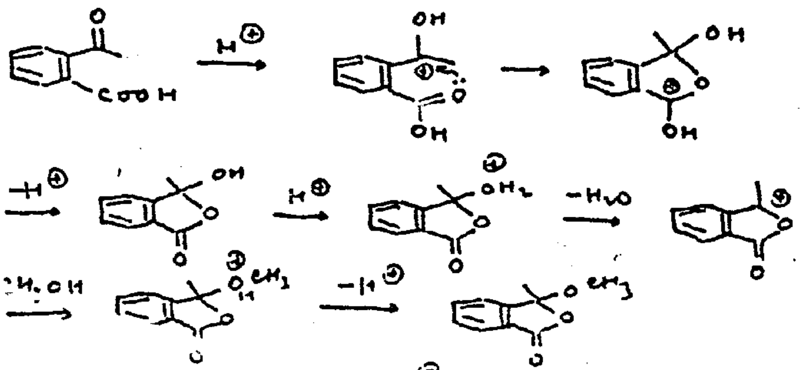
2.



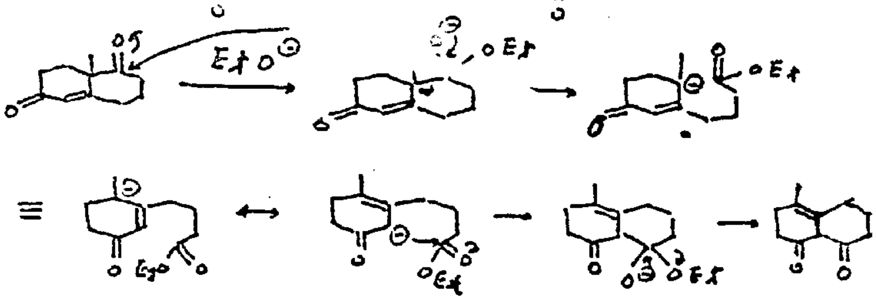
1677 cm^{-1} 1660 cm^{-1}

⑤

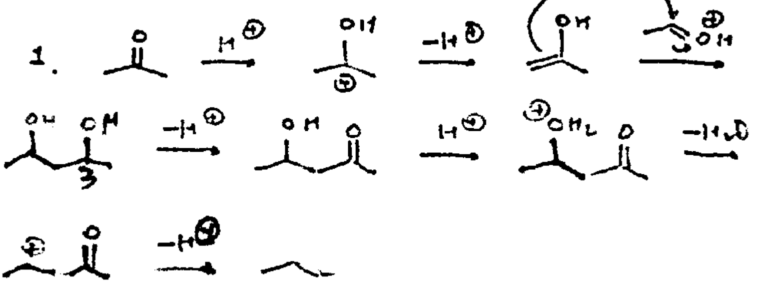
2,



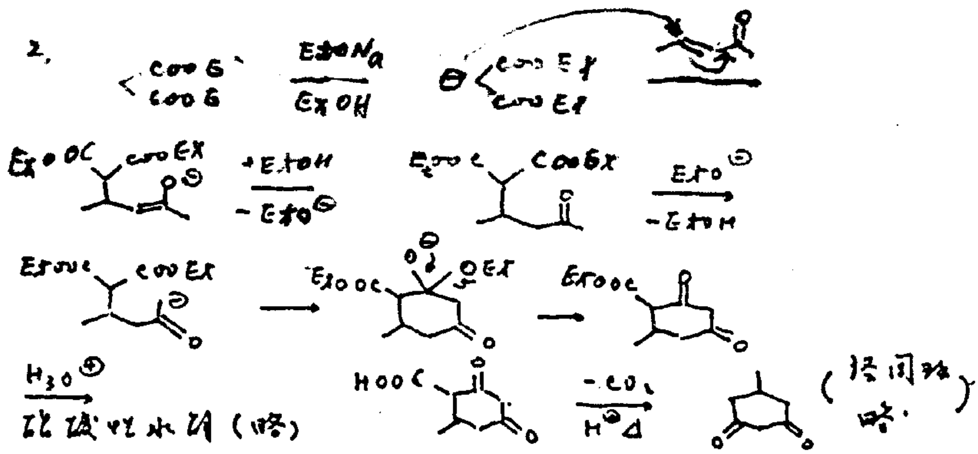
3,

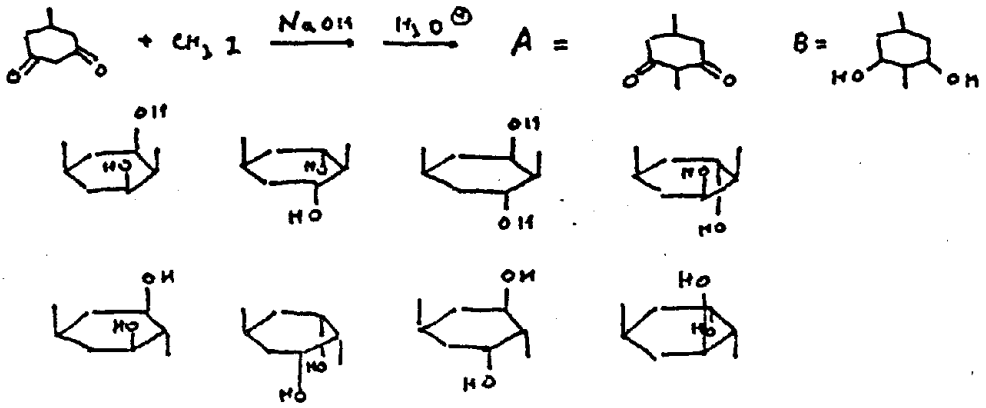


四、1.



2,





2. $CH_3CH_2O\overset{O}{\overset{\|}{C}}NHCH_3$