

中国科学技术大学

2013 年硕士学位研究生入学考试试题

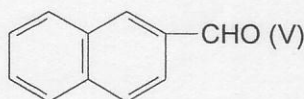
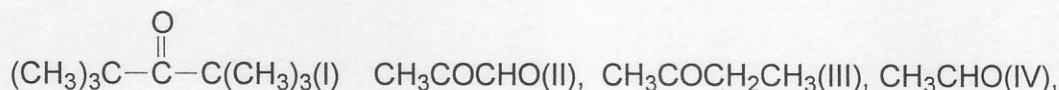
(有机化学)

所有试题答案写在答题纸上，答案写在试卷上无效

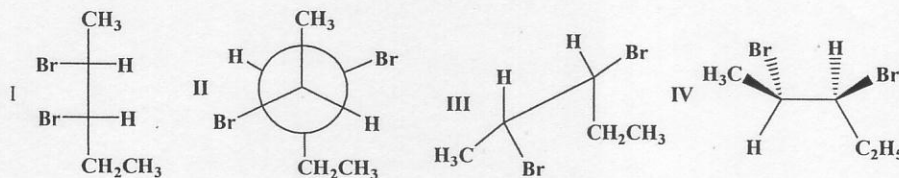
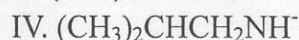
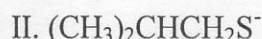
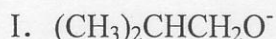
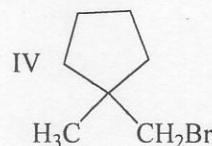
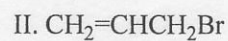
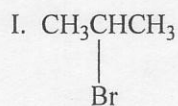
 需使用计算器 不使用计算器

一、排序 (每小题 2 分, 共 20 分)

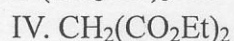
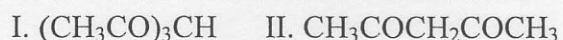
1. 将下列化合物按羰基的活性排序:



2. 请将下列构象按照稳定性大小排列:

3. 请将下列化合物按照在质子性溶剂中与 $\text{CH}_3\text{CH}_2\text{Br}$ 发生亲核取代反应速度的快慢排序:4. 下列化合物与 NaCN 发生反应($\text{S}_{\text{N}}2$)的速度快慢次序:

5. 请将下列各化合物按照酸性顺序排列:



考试科目: 有机化学

第 1 页 共 7 页