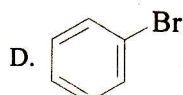
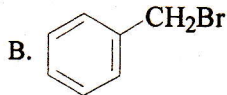
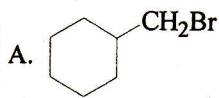
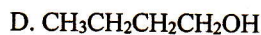
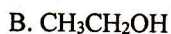
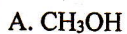


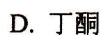
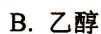
7. 下列化合物发生 S_N2 反应速度最快的是



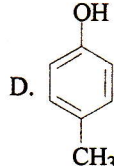
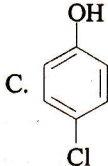
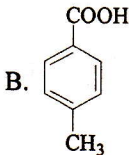
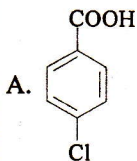
8. 下列化合物与金属钠反应速度最快的是



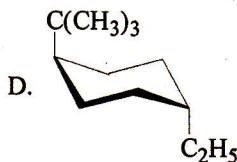
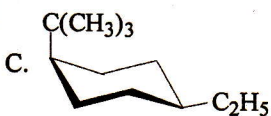
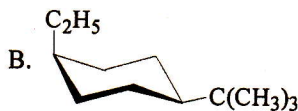
9. 下列化合物不能发生碘仿反应的是



10. 下列化合物酸性最强的是



11. 顺-1-乙基-4-叔丁基环己烷的稳定构象是



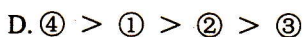
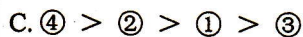
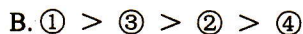
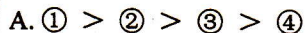
12. 下列化合物按碱性由强到弱排列顺序正确的是

① 苯胺

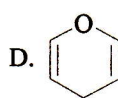
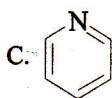
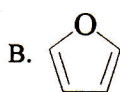
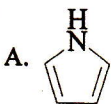
② 环己胺

③ 乙酰苯胺

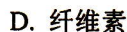
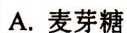
④ 氢氧化四乙铵



13. 下列杂环化合物不具有芳香性的是



14. 下列化合物中具有还原性的是



15. 谷氨酸溶液的 pH 为 7, 已知其等电点为 3.22, 在外加电场的情况下, 该氨基酸粒子表现为

