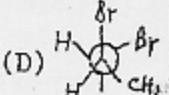
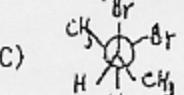
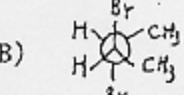
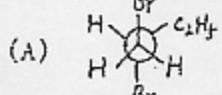
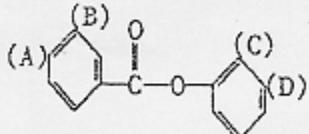


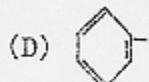
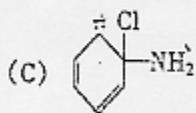
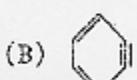
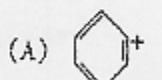
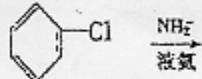
11. (反) -2-丁烯与溴加成产物为 ()



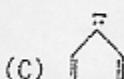
12. 下面化合物与 $\text{HNO}_3/\text{H}_2\text{SO}_4$ 反应时, 哪一个位置最容易硝化? ()



13. 下列反应涉及的中间体是 ()

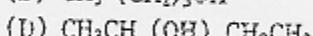
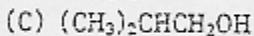
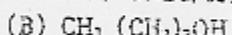
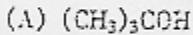


14. 下列化合物中无芳香性的是 ()

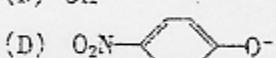
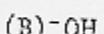
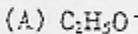


15. 某化合物的核磁共振氢谱数据如下:

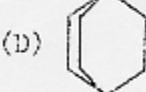
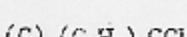
δ_{H} : 1.0 双峰; 1.3 多重峰; 3.3 双峰 4.4 单峰, 该化合物为 ()



16. 下列负离子中亲核性最强的是 ()



17. 下列化合物无论按 S_N1 或 S_N2 历程反应时, 其相对活性都是最小的为 ()



18. 下述反应须选择四种试剂中的 ()

