

# 淡江大學 101 學年度轉學生招生考試試題

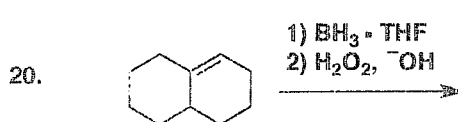
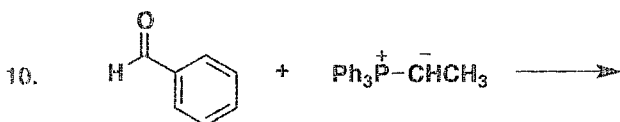
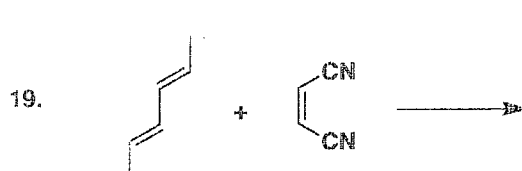
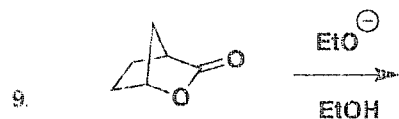
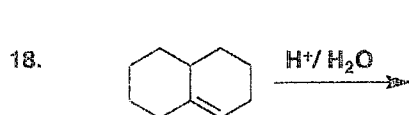
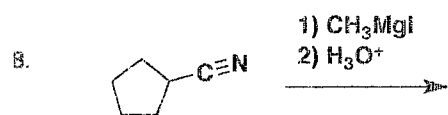
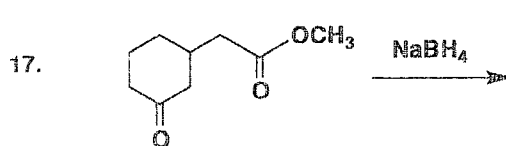
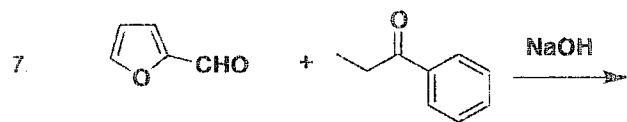
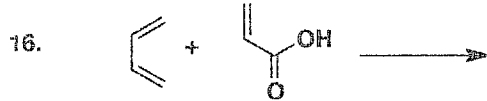
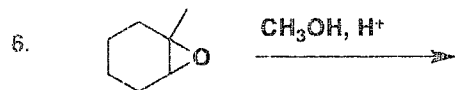
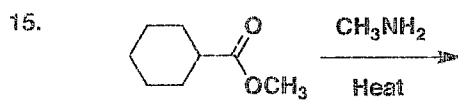
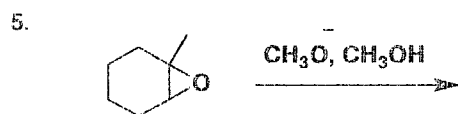
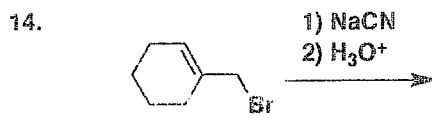
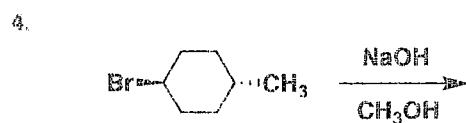
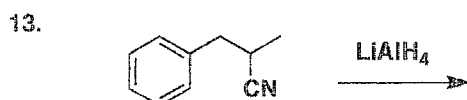
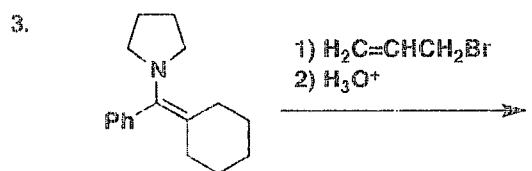
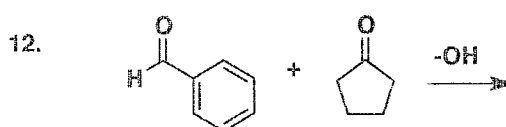
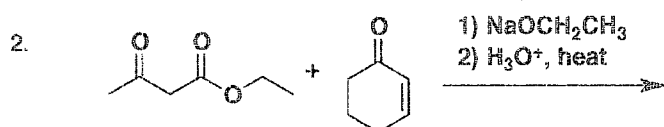
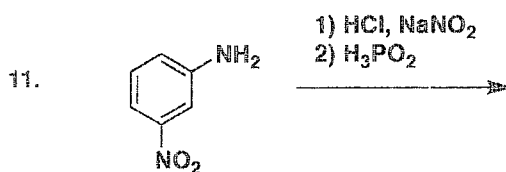
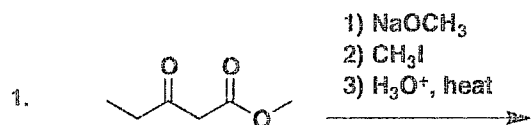
系別：化學學系三年級

科目：有機化學

考試日期 7月17日(星期二) 第3節

本試題共 4 大題 2 頁

A. Show the major product for the following reactions and indicate the stereochemistry of product if necessary. (40pts, 2pts each)



本試題雙面印刷

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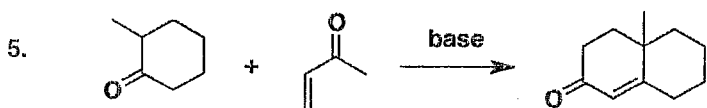
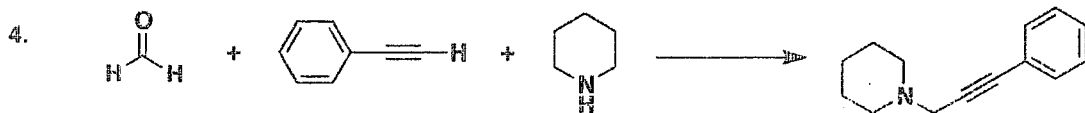
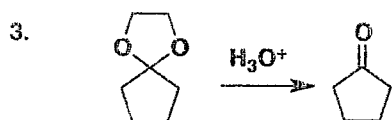
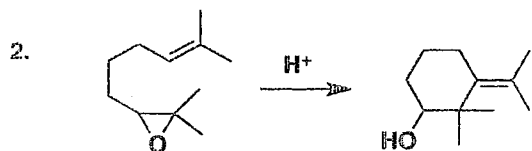
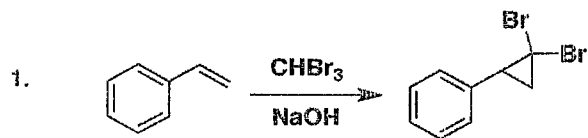
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本試題共 4 大題 2 頁

B. Propose the mechanisms of the following reactions. (50pts, 10 pts each)



C. Propose a synthetic strategy from the provided starting material (additional chemicals can be applied if necessary). (5pts)



D. Explain the following result. (5pts)

