

(背面仍有題目,請繼續作答)

國立成功大學一〇一學年度碩士班招生考試試題

共 之頁,第2頁

系所組別: 化學工程學系乙組 考試科目: 有機化學

89

编號:

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7. Predict the products of the following reactions. (10%)



8. Draw a potential energy curve of the following reactions to describe the relative stability of the products and the occurrence of the reactions. Which reaction is kinetic control, and thermodynamic control? (10%)



9. Compare the basicity of the following compounds and describe your reasons in detail. (10%)



10. Compare the following reactions and describe the difference of the selectivity between the reactions in detail. (10%)

