

國立中山大學 101 學年度碩士暨碩士專班招生考試試題

科目：生態學【生科系碩士班丙組】

題號：4032
共 1 頁 第 1 頁

I. 解釋名詞，共 20 分（20%）

1. Eutrophication (5 分)
2. Ecological efficiency (5 分)
3. Acid deposition (5 分)
4. Fecundity (5 分)

II. 問答題，共 80 分（80%）

5. Discuss and explain the distinctiveness of biodiversity in Taiwan. (20 分)
6. What are the short-term and long-term effects of carbon dioxide increasing in the atmosphere? (20 分)
7. Discuss major factors in deep that will affect interspecific competition of two species. (20 分)
8. Discuss and explain relationships of primary producers, consumers and decomposers related to food webs and ecosystems. (20 分)