

題號： 176

國立臺灣大學 115 學年度碩士班招生考試試題

科目： 環境生態學

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1. Please draw a simplified model showing the circulation of various chemical forms of carbon in the global carbon cycle (15%).
2. Please explain the four major components of Earth's life-support system (10%).
3. Biodiversity is the variety in four major components. Please explain. (10%).
4. Please draw a figure to explain species sensitivity distributions (15%).
5. Why do species go extinct? Please explain with from the following points: nature & evolution, human impact, extinction vortex, chains of extinctions... etc. (25%)
6. Please analyze the challenges posed by the continuous increase in urban population density to environmental sustainability and human health based on the sources provided: 1) urbanization trends and resource pressure; 2) challenges to environmental sustainability; 3) challenges to human health; 4) the need for sustainable design (25%)

試題隨卷繳回