

題號： 270

國立臺灣大學 104 學年度碩士班招生考試試題

科目：環境生態學(B)

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1. What are the pros and cons of industrial agriculture? (25%)
2. What are the major issues when considering biofuel as alternative energy source in our country? (25%)
3. Which do you think, anaerobic environment or aerobic environment, is a healthier ecosystem? Why? Explain from the viewpoint of energy flow. (10%)
4. Explain *gross primary production* and *net primary production*, and describe one of the methods to estimate each of them in natural aquatic systems. (20%)
5. Please propose a plan to increase the biodiversity of a piece of wetland. (20%)

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