題號: 73 國立臺灣大學 103 學年度碩士班招生考試試題

科目:環境科學概論(A)

節次: 4

共 | 頁之第 | 頁

(a) What is demography? (5%) (b) List and explain 5 differences between your standard of living and that of someone in a less-developed country. (10%) (c) Do you think it is appropriate for developed countries to persuade less-developed countries to limit their population growth? (10%) Please imagine you are a citizen of a less-developed country. What is your reply to those who live in more-developed countries? (5%) Why?(5%)

- 2. What part does government regulation play in changing the consumption of natural gas and oil? (10%) How about OPEC, is it important in the world's economy? (10%) What factors limit the development of wind power as a source of electricity? (5%)
- 3. Recent concerns about global warming have begun to revive the nuclear energy industry. What criteria would you use to judge the use of nuclear energy? (10%)
- 4. Describe the hydrologic cycle. (10%) Differentiate between point and nonpoint sources of water pollution.
  (10%)
- 5. What is thermal pollution? How can it be controlled? (10%)

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