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國立臺灣大學 104 學年度碩士班招生考試試題

科目:環境科學概論(A)

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1. Explain why you agree or disagree with the ideas that Taiwan government can get most of the electricity it needs by:

- a. developing solar power plants (5%).
- b. building ocean thermal electric power plants (5%).
- c. building geothermal electric power plants (5%).
- d. recycling some or most of the energy we use (5%).
- 2. Environmental Science is an approach to study the impact of human activities on the earth. Since one of the most important environmental issues of our time is global warming, please
- à. List the greenhouse gases described in the Kyoto Protocol (5%).
- b. Explain what is "greenhouse effect" (10%)?
- c. Describe how human activities cause the happening of global warming (10%).
- d. Describe the phenomena caused by the global warming that we face today (10%).
- 3. Currently, the primary goal of all economic system is to maximize growth by maximizing the production and consumption of economic good.
- a. Do you agree with this goal (5%)?
- b. Explain why you agree or disagree (5%).
- c. What are the alternatives (10%)?
- 4. What hazardous wastes are produced at your home (List five) (5%)? What happens to these wastes (10%)?
- 5. List 10 major ways to conserve water on a personal level (10%).

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