

國立成功大學

112學年度碩士班招生考試試題

編 號：143

系 所：環境工程學系

科 目：環境工程概論

日 期：0206

節 次：第 1 節

備 註：可使用計算機

※ 考生請注意：本試題可使用計算機。請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

1. Define *primary* and *secondary air pollutants*. (10%)
2. What pollutants in indoor air may be hazardous to your health? What is the greatest indoor air problem globally? (10%)
3. Why are nutrients considered pollution? Explain the ideas of *eutrophication* and an *oxygen sag*. (10%)
4. What are some sources of groundwater contamination? Why is groundwater pollution such a difficult problem? (10%)
5. Describe some concerns about the waste incineration. (10%)
6. What is *e-waste*? How is most of it disposed of, and what are some strategies for improving recycling rates? (10%)
7. What are *bioaccumulation* and *biomagnification*? (10%)
8. Define *sustainable development*. (10%)
9. Explain the differences between the Kyoto Protocol and Paris Agreement. (10%)
10. Why do you think controlling greenhouse gases is such a difficult problem? List some of the technological, economic, political, emotional, and other factors involved. Whose responsibility is it to reduce our impacts on climate? (10%)