

國立成功大學

112學年度碩士班招生考試試題

編 號： 277

系 所： 環境醫學研究所

科 目： 環境衛生

日 期： 0207

節 次： 第 2 節

備 註： 不可使用計算機

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

1. Please define the following terms and describe the relationship between the following terms. (12%)
  - (1) Risk assessment,
  - (2) Risk management,
  - (3) Risk communication
2. Please describe the four major sources of the information for hazard identification and their priorities. (12%)
3. Please describe the mechanism of green-house gases influence the climate change of globe? (10%) and Please describe the potential of six green-house gases? (6%)
4. Please describe the definition of “Endocrine Disruptor”, “Persistent Organic pollutants”, and “Endocrine Disruptor Hypothesis” proposed by Theo Colborn (10%).
5. Please design an effective cookstove for outdoor use? (6%) Please design an experiment to evaluate your cookstove emission and efficiency. (9%)
6. Please list three major sources and breakdown mechanism of micro/nanoplastics from plastic (6%)
7. 台灣目前焚化廠最主要面臨哪些問題? (5%) 請提出相對應的改善方法 (5%)
8. 請說明我國工業區廢水處理流程 (10%)
9. 請說明「室內空氣品質管制標準」與室外「空氣品質管制標準」所管制的空氣污染物之差異。(9%)