

科目：環境工程 適用：土木系(環工與運工組)

編號：441

考生注意：

1. 依次序作答，只要標明題號，不必抄題。
2. 答案必須寫在答案卷上，否則不予計分。
3. 限用藍、黑色筆作答；試題須隨卷繳回。

本 試 題

共 1 頁

第 1 頁

- 一、溫室效應之成因及影響為何？試舉出四種溫室效應氣體。(15%)
- 二、堆肥處理程序有哪四個階段？試述各階段之目的及方法。(15%)
- 三、試簡述廢棄物處理四大目標。(10%)
- 四、我國空氣污染指標是以哪五種污染物濃度值進行計算？(5%)
- 五、試述海風及陸風形成原因及其對海濱工業區廢氣擴散之影響。(15%)
- 六、請完整翻譯下列文章，並對其內容提出您的專業見解。(40%)

Water is the most essential material for human survival, after air. Without water, life as we know it would not be possible. Fortunately, air is purified adequately by nature with a minimum of help from us. However, today this is not the case with water. Our civilization has managed to pollute our surface water and even groundwater; this necessitates purification for drinking. The expression "clean as freshly driven snow" or "pure rainwater" is not true any more. In the past, rain was nature's way of providing freshwater; now, however, rain is usually contaminated with various pollutants that we put in the atmosphere.

(資料來源：Ahuja, S. Handbook of Water Purity and Quality: Chapter 1 - Overview, 1st ed., Academic Press, 2009)

試

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