

國立宜蘭大學

104 學年度研究所碩士班考試入學

英文試題

(環境工程學系碩士班)

准考證號碼：

《作答注意事項》

- 1.請先檢查准考證號碼、座位號碼及答案卷號碼是否相符。
- 2.考試時間：100 分鐘。
- 3.本試卷共有三大題 20 小題，共計 100 分。
- 4.請將答案寫在答案卷上。
- 5.考試中禁止使用大哥大或其他通信設備。
- 6.考試後，請將試題卷及答案卷一併繳交。
- 7.本試卷採雙面影印，請勿漏答。
- 8.應試時不得使用電子計算機。

一、(40%)請將下列英文句子翻譯成中文，並依題號序作答於答案卷非選擇題處。

1. (8%) Be yourself, others are taken.
2. (8%) Everyone agrees that it's necessary to reduce carbon emissions around the world.
3. (8%) Big Data is not merely the accumulation of vast amounts of information, but a collection of interconnected and interrelated data points.
4. (8%) A recent study by Cambridge University's Institute of Manufacturing found that 60% of the energy associated with a piece of clothing is spent in washing and drying it.
5. (8%) Municipal waste, wood pulp and leftover grain and corn husks are all quite attractive; they can produce something called cellulosic ethanol, which contains more energy than corn.

二、(40%)請依中文句子之文意，填入英文句子空白處應有之正確英文(不限一個字)，以使中英文之文意相符，並依題號序作答於答案卷非選擇題處。

A. (8%)從超市帶回家的塑膠袋最終可能流落到掩埋場。

The 6 you bring home from the supermarket probably end up in 7.

B. (8%)光就美國而論，大眾運輸每年估計節省 53 億公升的汽油消耗，約等於 140 萬噸的二氧化碳排放。

In the U.S. alone, public transit saves an estimated 8 of gas annually, which translates into about 9 of CO₂.

C. (8%)每購買 1 噸再生紙可節省 4,400 度的電力、3 萬公升的水與少砍 19 棵樹木，而 1 棵樹能過濾高達 27 公斤的空氣污染物。

Each ton recycled paper purchased saves 4,400 kW-h of energy, 30,000 liters of water and 19 trees, and a tree has the capacity to 10 up to 27 kg 11 from the air.

D. (8%)自然濕地潔淨水體已有幾千年的時間。

12 have 13 water for thousands of years.

E. (8%) 地下水復育特別適用於相對小的污染區域，如汽油儲槽之洩漏。

14 is particularly applicable where 15 are relatively small, such as leak from gasoline storage tanks.

後有題目，請翻頁繼續作答

三、(20%)請閱讀英文文章後，依文中之內容回答下列問題，並依題號序作答於答案卷選擇題處，複選題必須完全正確方可得分不部份給分。

The Shimen Reservoir yesterday reached a record-low water level amid a prolonged island-wide drought, raising the possibility of further tightening of the water supply to many of the areas in Northern Taiwan. The water level is down to about 25 percent, or 50.62 million metric tons of its total capacity, the lowest recorded since the dam was built, the reservoir authorities said yesterday. Shimen releases a total of about 1.75 million metric tons of water daily, meaning it could dry up completely in less than two months if the drought continues. Nine cities and counties around Taiwan have already entered second-stage water rationing, and the government previously expressed the hope that the third stage would not have to be implemented before June. Economics Ministry and the military have made artificial rain seven times in the Shimen area, and dredging is being conducted at the reservoir. Rice cultivation has been suspended in Taoyuan to reduce the use of water from Shimen. –The China Post, Mar. 8, 2015.

16. (4%, 單選題) What is the main concern about Shimen Reservoir in this report? (A) Total capacity (B) Daily releasing (C) Prolonged drought (D) Location.
17. (4%, 單選題) How much is the estimated total capacity (million metric tons) of Shimen Reservoir? (A) 50.62 (B) 2015 (C) 1.75 (D) 203.
18. (4%, 單選題) Base on this report, how many cities and counties around Taiwan have already entered third-stage water rationing on March? (A) 9 (B) 8 (C) 7 (D) none.
19. (4%, 單選題) How many times have the artificial rain made in the Shimen area? (A) 9 (B) 8 (C) 7 (D) none.
20. (4%, 複選題) What have been done for the drought? (A) Artificial rain making (B) Water release increasing (C) Reservoir dredging (D) Water rationing.