

國立宜蘭大學

102 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 3 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%) That pair of shoes look like are very comfortable.
2. (8%) The best way to predict the future is to create.
3. (8%) Concentrations of greenhouse gases in the Earth's atmosphere reached record highs in 2011.
4. (8%) Activated sludge process surely is the most widely used biological process for the treatment of municipal and industrial wastewaters.
5. (8%) A biosensor is an analytical device that combines a biological component with a physicochemical detector.

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%)常說時間能改變一切，其實那一切要由你自己來改變。

They _____ 6 _____ say time changes things, _____ 7 _____ you actually have to change them.

B. (8%)一項研究顯示，藉由讓你能隨時收發電郵的手機會讓你每天的工作時間延長多達兩個小時。

A study _____ 8 _____ that, by giving you access to emails at all times, the mobile phone adds as _____ 9 _____ as two hours to your working day.

C. (8%)每年消失數十億噸的南極冰，在 1992 年和 2011 年間平均增加了全球海平面約 11 毫米。

The loss of _____ 10 _____ of Antarctica ice a year added about 11 millimeters to global _____ 11 _____ between 1992 and 2011.

D. (8%)未來，消費者無論購買 3C、家電、甚至飲料時，都可能在包裝上看到一張碳足跡標籤。

_____ 12 _____, whenever consumers buy high-tech gear, home appliances, or even soft drinks, they will find a _____ 13 _____ label on the package.

E. (8%)都市固體廢棄物中之廢棄物質主要來自於住宅區，但也包括商業廢棄物。

Municipal _____ 14 _____ consists of the materials discarded _____ 15 _____ residences, but also includes commercial waste.

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。

If you're the type of person who thinks working out is just a waste of energy, then a new gym developed in the UK might help change your mind. This new fitness center, situated in a city park in Hull, northeast England, not only provides a facility for local residents to get fit but also generates electricity every time the equipment is used. "So far, the community has generated 40,000 watt hours (40 kilowatts)," says Georgie Delaney, creative director at The Great Outdoor Gym Company. "The goal is that a gym like this should serve a community of about 5,000 people. So, if you times that by the amount of gyms that we could possibly install, that actually becomes quite a significant amount of energy," Delaney said. The gym currently powers its own lighting, but the hope is that one day they will be feeding surplus energy into the national grid and reducing electricity bills.- CNN

16. (4%, 單選題) What is the main concern in this report? (A) UK business (B) people health (C) new energy (D) outdoor park.
17. (4%, 單選題) Where is the reported park? (A) CNN (B) England (C) Taiwan (D) Germany.
18. (4%, 單選題) What is Georgie Delaney for sure? (A) reporter (B) power plant worker (C) community resident (D) gym director.
19. (4%, 單選題) The proposed size of community population for the new kind of gym is (A) 40,000 (B) 5,000 (C) 40 (D) not mentioned.
20. (4%, 複選題) Currently, the gym cannot (A) reduce electricity bills (B) provides a facility to get fit (C) power its own lighting (D) feed surplus energy into the national grid.