

淡江大學 97 學年度碩士班招生考試試題

系別：土木工程學系

D

科目：資 訊 概 論

本試題共 1 頁，5 大題

1. Please name three different operating systems and explain what the role of operating system in a computer is? (10%)
2. Please briefly explain following terms: (20%)
 - (1) compiler
 - (2) recursive
 - (3) Local Area Network (LAN)
 - (4) intranet
 - (5) cookie
 - (6) ASCII
 - (7) Post Office Protocol (POP)
 - (8) Random Access Memory (RAM)
 - (9) File Transfer Protocol (FTP)
 - (10) Dynamic Link Library (dll)
3. 請將以下之二進位數字轉換成十進位，或將十進位轉換成二進位 (20%)
 - (1) 10101
 - (2) 11100
 - (3) 25
 - (4) 89
4. Please write a pseudo code to find the maximum number among 10 different integers. (25%)
5. Please use any computer language to write a program to solve the answers of the following equation: (25%)

$$ax^2 + bx + c = 0$$