



國立臺中技術學院

100學年度碩士班考試入學暨碩士在職專班試題

准考證號碼：

系 所：資訊管理系碩士班

科 目：計算機概論

注意事項：

1. 答案依序書寫於答案卷上，不必抄題。
2. 答案卷不可書寫任何可辨別個人姓名或特殊標記，違者不予計算。
3. 請於試題紙上填寫准考證號碼，繳卷時「試題」、「答案卷」一併繳回。

1. List the layers of Open System Interconnection (OSI)。
2. What is the data structures used to perform recursion?
3. What is the difference between a constructor and a method in Java?
4. How do you change File Access Permissions in UNIX?
5. Write a program to find the prime numbers between 1 and 1000。
6. Write a program to sort an array of 1000 integers。
7. Write an SQL SELECT statement to display all the columns of the STUDENT table but only those rows where the Grade column is greater than or equal to 90.
8. What is the difference of Java modifiers “public”, “private”, and “protected”?
9. List the Coffman's conditions that lead to a deadlock.
10. What is Flow Control? What is Error Control ?