

科目：計算機概論（含程式設計）

適用：資管系二

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 / 頁

第 / 頁

編號： 332

1. What is the function of accumulator and Instruction register in CPU 10%
2. Write down the two main protocols of the transport layers of Internet 10%
3. Convert the following numbers
 - a. 110 (base 2) to ? (base 10) 5%
 - b. 776 (base 8) to ? (base 10) 5%
4. Convert the following numbers
 - a. FED(base 16) to ? (base 10) 5%
 - b. 1067 (base 10) to ? (base 16) 5%
5. Show this number $+2^5 * 10.1000111000$ in Excess-127 system 10%
6. What is assembler? 5% What is compiler? 5%
7. Which one of AND, OR, NOT or XOR we use to mask our IP address to get the network identification 10%
8. What is demand paging? 10%
9. What is time sharing operation system? 10%
10. Name the layers of the OSI networking model 10%