

科目：計算機概論（含程式設計）

適用：資管系三

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

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編號：732

1. If the memory address is 16MB and the word size is 16 bits, then how many bits are required to access each word? 10%
2. 電腦有哪三大匯流排 10%
3. Write down the two main protocols of the transport layers of Internet 10%
4. Store -7 in 16-bit two's complement format 10%
5. What are the functions of SSL protocol 10%
6. Which one of AND, OR, NOT or XOR we use to mask our IP address to get the network identification 10%
7. Convert the following decimal real numbers 0.5 to binary (5 binary places). 10%
8. Describe the different types of registers
(a). Instruction register 5%, (b). program counter(PC) 5%
9. 80286 CPU 有資料匯流排 16 條線，位址匯流排 24 條線，請問 此 CPU 幾位元？請問定址能力幾 MB 10%
10. Name the differences between TCP and UDP 10%