院八十二章拳年度碩士班研究 試題

所別:資訊管理學系碩上班

科目:資訊概論

用紙第 頂其 Ħ

- 1. List and describe the levels of management. And explain in detail what information systems best satisfy the needs of various levels of management. (20%)
- 2. Briefly list the stages of the systems development life cycle and describe the work involved in each stage. (15%)
- 3. Explain the following terms. (10%, each for 2 points)
 - a) virtual memory
 - b) cache memory
 - c) deadlock
 - d) spooling
 - e) client-sever computing
- 4. Define binary tree and give three different traversal algorithms. (15%)
- When we use telephones for computer data communications, why do we need modems? (5%)
- Describe the methods for passing parameters in programming languages, and give an example to show the difference among them. (15%)
- 7. 大家都說這個時代是「資訊時代」(information society)。請說明其主要的特徵(10%)。 其次,在資訊時代裡,由於電腦或資訊科技之發明與使用,引生了一些倫理的議題 (ethical issues) 或問題。請列舉並說明其中的四大類議題(10%)。