

佛光人文社會學院九十一學年度碩士班招生考試試題卷

系所別：資訊學研究所

科 目：資訊系統

用紙第 1 頁共 1 頁

1. A system may contain many subsystems in which information are interchanged to work together effectively. What are the two fundamental ways? Give examples to illustrate your answer. (20%)
2. Give an example to distinguish the differences among the preorder, inorder, and postorder ways to traverse a binary tree. (20%)
3. Describe the database recovery process, and the difference between deferred-write and write-through techniques. (20%)
4. What are evolutionary prototyping and throw-away prototyping? What are their advantages and disadvantages? (20%)
5. In software life cycle, what is the most important phase? Give an example model to illustrate your answer in detail. (20%)