

佛光人文社會學院九十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. What is a software process model? Give two different models and explain in detail. (20%)**
- 2. What is the difference between the objectives of evolutionary and throw-away prototyping? (15%)**
- 3. What are the necessary conditions for deadlock? Give three different methods for handling deadlocks. (20%)**
- 4. Construct an E-R diagram for marriage. Make all assumptions as possible. (15%)**
- 5. What is the minimum number of test cases required to test the binary search program? Construct the program and the flow graph for the program to help to explain your answer. (20%)**
- 6. What are the MIS, DSS, and EIS, and their differences? (10%)**