

所別：網路學習科技研究所碩士班 科目：資料庫系統

1. The design of view is an important job in database design. Please describe the advantages of view and discuss its role. (20%)
2. Please describe the role of a high level data model such as ER model and a commercial data model such as relational data model. (20%)
3. What's the relational algebra? What's SQL? Please describe the relationship between them. (15%)
4. Discuss insertion, deletion, and modification anomalies. Why are they considered as bad? (20%)
5. Please describe the components of a DBMS. (10%)
6. Discuss the main characteristics of the database approach and how it differs from traditional file systems. (15%)