

系級	資訊科學系碩士在職專班	考試時間	100 分鐘
科目	資訊管理	本科總分	100 分

1. Name and describe the various categories of electronic commerce. (20%)
2. Name and describe six Internet business models for electronic commerce. Distinguish between a pure-play Internet business model and a clocks-and-mortar business model. (20%)
3. What is supply chain management? What activities does it comprise? Why is it so important to business? How do information systems facilitate supply chain management? (20%)
4. What do you understand by the terms atomicity, durability, isolation and serializability as applied to transactions in DBMS? (20%)
5. Draw a diagram to describe and define as precisely as you can for the terms degree, relation, tuple, heading and body in DBMS? Define as precisely as you can for the eight operators in the Relation Algebra. Distinguish between Relational Algebra and Relation Calculus. (20%)