1. Explain the following terms: (20%)
   - CORBA
   - Groupware
   - Enterprise Resource Planning (ERP)
   - Online Analytical Processing (OLAP)
   - Data mining

2. Define and compare the following computer networks: Internet, Extranet, and Intranet. How can an enterprise utilize the above three networks to improve enterprise's business operations, managerial control and strategic advantages? (20%)

3. Information Resource Management (IRM) has become a popular way to emphasize a major change in the management and mission of the information systems function in many organizations. According to O'Brien and Morgan, there are five major dimensions to the job of managing IRM. Please describe them. (20%)

4. What is SGML? What are its pros and cons when compared with HTML and XML? (15%)

5. Compare the differences among IT platform, IT architecture, and IT infrastructure. (10%)

6. What are the differences between traditional Database and Data Warehouse? Compared with Decision Support Systems and Executive Information Systems, how can the implementation of Data Warehouse be used to provide business decision support? (15%)