1. What are the major functions performed by the DBMS? List and explain these functions. (20%)

2. Explain the differences between primary and secondary storage. (20%)

3. Which account is designated as the owner of a relation? What privileges does the owner of a relation have? (20%)

4. What are the main reasons for distributed database? Explain from the viewpoint of the potential advantages of distributed database. (20%)

5. Define the following terms: (20%)
   - End user
   - Query language
   - Hash file
   - Data encryption
   - Polymorphism