CHAPTER 4

Structured Query Language (SQL) & Indexing

Syllabus Topics

Overview of SQL, Data Definition, Commands, Set operations, aggregate function, null values, Data Manipulation commands, Data Control commands, Complex Retrieval Queries using Group By, Recursive Queries, nested Queries ; Integrity constraints in SQL. Database Programming with JDBC, Security and authorization: Grant & Revoke in SQL Functions and Procedures in SQL and cursors. Indexing: Basic Concepts, Ordered Indices, Index Definition in SQL Self-learning Topics: Physical design of database for the relational model designed in module III and fire various queries.

Module IV