AMHE23 RDBMS

UNIT-1 BASIC CONCEPTS OF DBMS

1.1 Database terms

1.2 Components of a DBMS

1.3 Data abstraction

1.4 DBMS system architecture types:

UNIT-2 RELATIONAL DATABASE APPROACH

1.1 Relational data structure

1.2 Table

1.3 E-R model & Normalization

1.4 Normalization

UNIT-3 STRUCTURED QUERY LANGUAGE

3.1 Data Definition Language

3.2 SQL Commands

3.3 Functions and Operators

3.4 Transaction control statements

UNIT-4 PL/SQL

4.1 Control statements

4.2 Cursors

4.3 Exceptions

4.4 PL/SQL tables and records

UNIT-5 ENHANCED DATABASE MODELS

5.1 Characteristics, functioning and architecture of Data Warehousing

5.2 Data modeling

5.3 Data Clustering

5.4 Applications of Data mining problem

Reference Books:

1. Database Management System by Date ,C.J., Galgotia Publications
2. Fundamentals of Database System by Elmasri, R.A.,Navathe, Shyam B. Narosa Publishing House.
3. Database Management System by Post, Gerald V, Tata McGraw-Hill, 2004
4. An introduction to Database Systems by Bipin C Desai, Galgotia Publications (P) Ltd., 2005