Relational Database Management system
Theory Question Bank for Reference

UNIT-1

1. Explain the advantages of DBMS over file system.
2. What are the functions and responsibilities of DBA
3. Write about 3 level architecture of database schema.
4. Explain ER model with diagram.
5. Write about relational algebra operations on database.

UNIT-2

6. What is Normalization? Explain 1NF,2NF and 3NF
7. What is database integrity list out types.
8. Explain different file organization techniques in DBMS

UNIT-3

9. What are DDL commands in SQL explain with syntax.
10. What are DML commands in SQL explain with syntax
11. What are joins in SQL explain types of joins with syntax.
12. What is view in SQL explain view operations.
13. Write about, SQL clauses, aggregate functions .

UNIT-4

14. What is concurrency control and transactions
15. Explain 2PL and Deadlock mechanisms
16. What is database security and recovery, backup.

UNIT-5

17. What is DDBMS explain advantages and disadvantages of DDBMs.
18. Explain Client-Server architecture of DDBMS
19. Explain Data Replication and Data Fragmentation.
20. Define client server computing, database failures, primary key, referral integrity, DUAL table, Index, Data dictionary.