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DEPARTMENT OF BBA[COMPUTER APPLICATION]
Question Bank

DATABASE MANAGEMENT SYSTEM

1. State and explain the advantages of DBMS.
2. What are logical and physical files ?
3. Explain the views of Database Management System.
4. Explain the different DBMS and RDBMS used in the Industry.
5. Explain Primary key and Foreign key with example.
6. Explain the various DML commands with examples.
7. Explain the syntax of ALTER Table.
8. Explain union and difference in Relational algebra with suitable example.
9. What is Normalization ? Explain 1NF with suitable example.
10. Explain sparse index.
11. Explain Insert Anomalies with example.
12. Aggregation and Generalization.
13. Order by and Group by.
14. Explain Entity
15. Explain attribute
16. Explain superkey
17. Explain tuple.
18. Explain Sequential file organization
19. What are logical and physical files ?
20. Explain the advantages of Network Model over Hierarchical Model.
21. Explain advantages and disadvantages of DBMS.
22. List various users of DBMS and specify their jobs.
23. State and explain aggregate functions in sql.
24. Explain select and project operations in Relational Algebra.
25. Explain primary key and foreign key with suitable example.
26. Write a short note on Normalization.
27. Explain Basic File operations.

28. Explain various DML commands with examples.
29. What is file organization ? Explain the indexed file organization.
30. Explain advantages and disadvantages of DBMS.
31. State and explain aggregate functions in SQL.
32. What do you mean by Data Model ? Explain network model with example.
33. Explain the normalization process.
34. What is relational algebra ? Explain UNION and CARTESIAN PRODUCT operation with example.
35. Explain primary key and foreign key with suitable example.
36. Explain basic file operations.
37. Explain various DML commands with example.
38. Explain various users of DBMS and specify their jobs
39. Explain the applications of DBMS.
40. Differentiate between network model and relational model.
41. Explain Unary and Binary relations.
42. List the various users of DBMS and specify their jobs.
43. Explain Basic file operations.
44. Explain the Natural join and Cartesian product with example.
45. What is Normalization ? Explain the 1NF with suitable example.
46. What are the functions of Database Administrator ?
47. Explain the advantages and disadvantages of DBMS.
48. What are strong and weak entities ?
49. Write a short note on Normalization.
50. Explain different aggregate functions with an example.
51. Explain different anomalies related with Normalization.