

Sub_Code-4002

Subject-Database Management System

- Q1. Explain about Database Architecture.
- Q2. Explain about Database users and Administrators with diagram.
- Q3. List the disadvantages of file processing system.
- Q4. What are the characteristics of A Database Approach.
- Q5. Write Down the Application of Database.
- Q6. What are data models in Dbms and its types.
- Q7. What is data independence and its types.
- Q8. Define Instances and schemas of database.
- Q9. Explain various features of E-R Models with diagram.
- Q10. Explain about Logical database design.
- Q11. Determine the closure of the following set of functional dependencies for a relation scheme $R(A,B,C,D,E,F,G,H)$, $F=\{ AB \rightarrow C, BD \rightarrow EF, AD \rightarrow G, A \rightarrow H \}$ List the candidate keys of R.
- Q12. What is normalization? What are the conditions are required for a relation to be in 1NF, 2NF and 3NF explain with examples.
- Q13. What is transaction? Explain the ACID Properties of transactions.
- Q14. Explain in detail about Timestamp-Based Protocols with Example.
- Q15. Explain about Hash based Indexing and Tree based Indexing.