



Q4. Drawback of traditional file processing system. Or explain disadvantages of conventional file-based system compared to database management system.

Q5. Explain advantages and disadvantages of DBMS.

Q6. List out the difference between file processing and DBMS.

Q7. Write in detail about applications of DBMS.

Q10. Explain data independence.

Q11. Write about DBMS system architecture and components of DBMS.

Q12. Write about Database Administrator and functions of database administrations.

Q2. Explain E-R model and its components. Explain weak and strong entity set.

Q3. Explain relationships and its degree.

Q4. List symbols used in ER diagram and its representations.

Q5. Explain mapping cardinality in ER diagram and participation constraints & its types.

Q7. Define attributes and its types. Explain relationship attributes.

Q9. Explain all keys used in DBMS.

Q11. Explain generalization, specialization, aggregation and constraints on generalization.

Q4. Explain tuple, table, attribute, domain, and properties of relational database.

Q5. Explain CODD's rule (All 12 rules) in detail.

Q6. Explain relational schema.

Q7. Explain types of keys in DBMS with suitable example.

Q9. Explain selection and projection operators in relational algebra with suitable example.

Q10. Explain all types of join operator with suitable example in relational algebra.

