MCS-014: SYSTEM ANALYSIS AND DESIGN

IMPORTANT QUESTIONS FOR TERM END EXAM by

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- **Question** 1. List the underlying principles for a prototype design. Under which conditions will this design be useful? With the help of an example system, explain its approach.
- **Question** 2. Draw a 0-level and 1-level DFD of a "Library Information System". Make necessary assumptions.
- **Question** 3. Draw ERD for a "Library Information System". Make necessary assumptions.
- **Question** 4. Assume that an organization does not implement MIS. However, after a couple of years, it decides to implement it. What problems do you anticipate in implementing MIS in an organization which did not implement it earlier? How would you handle them?
- **Question** 5. Define a "Decision Support System (DSS)". What are its characteristics? Also, list and explain various components of a DSS.
- **Question** 6. Define CASE. Explain its various components and tools. Give any two examples of CASE tools.
- **Question** 7. Develop SRS outline for a "Library Information System". Make necessary assumptions.
- **Question** 8. Explain the process of designing Forms and Reports.
- **Question** 9. Explain any five different fact finding techniques.
- **Question** 10. Write short notes on the following:
 - (a)Different Standards for Documentation
 - (b) Audit of Transactions on Computer

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