System Analysis & Design 4BCA2-QB

Unit 1

1. Explain physical and abstract system and its elements.
2. Differentiate between open and closed system.
3. What do you understand by System Planning?
4. What is a system its characteristics and its elements..
5. What do you understand by data and information? Explain the categories of information.
6. What are the considerations for system planning?
7. Explain the role of system analyst.
8. Explain the phases of SDLC.

Unit 2

1. What do you mean by Feasibility Study?
2. How can you determine user requirements?
3. Explain Data Analysis.
4. What are the cost and benefit analysis?
5. Describe the fact finding techniques.
6. Write short notes on: Technical, Operational, Economic feasibilities.

Unit 3

1. Explain form and form design and its characteristics.
2. What are the types of form? Explain in detail.
3. Explain decision table and decision chart.
4. Explain form design methodologies.
5. What are the tools of structured analysis?
6. What do you mean by screen design?
7. Explain the Input and Output Form design methodologies.
8. Explain System Flow Chart & Decision Table.
9. What is structured analysis? What are its attributes or features and how it is achieved?

Unit 4

1. What do you mean by User Manual? How is it different from Programming manual?
2. What do you mean by risk analysis?
3. What do you mean by system testing?
4. Differentiate between alpha testing and beta testing.
5. Discuss various levels of testing.
6. What do you mean by Quality assurance?
7. What do you mean by system maintenance?
8. What are the tasks and types of maintenance?
9. Explain the types of disaster and recovery from threat.

Unit 5

1. What do you mean by EDP? What are its essential features?
2. Explain the job responsibilities & duties of EDP.
3. Discuss in brief the role of system analyst, programmers and operators?

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