

BCA/M-23

1868

STRUCTURED SYSTEM ANALYSIS AND
DESIGN

BCA-125

Time : Three Hours]

[Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory. All questions carry equal marks.

1. (a) What is a system ?
(b) Write characteristics of system.
(c) Discuss Economic Feasibility.
(e) Differentiate open and closed system.

Unit I

2. Define Elements of System and explain the types of System.
3. Explain System Development Life-Cycle.

Unit II

4. (a) Explain Fact gathering process and techniques.
(b) Discuss Technical and economic feasibility.

5. (a) Explain the role of HIPO and Gantt Chart in System Design.
- (b) What is Decision Table ? Give example to explain.

Unit III

6. Explain concept of Cost and Benefit analysis of system.
7. (a) Discuss Logical view of Data.
- (b) Explain Input Form Design.

Unit IV

8. Explain the process of implementation, emphasize on Parallel and Pilot implementation.
9. (a) Discuss SQA process.
- (b) Discuss testing process.