

Roll No.....

Total Pages: 3
1908

BCA/M-18
STRUCTURED SYSTEM ANALYSIS AND DESIGN
Paper: 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.

1. (a) Make decision table for 3 variable OR Gate.
- (b) Differentiate IPO and HIPO charts.
- (c) Write a note on a and b testing.
- (d) Write elements of system.

UNIT-I

2. Define system, characteristics of system and types of system.
3. Explain SDLC.

UNIT-II

4. (a) Explain fact finding process and techniques used.
- (b) Discuss feasibility and its types.
4. Define DFD, make a DFD for inventory system and explain its functioning.

UNIT-III

6. (a) Explain difference in Logical and Physical Design.
- (b) Discuss Cost/Benefit Analysis.
7. Define file, types of files and explain insertion and deletion in index sequential file organization.

UNIT-IV

8. Why testing is so important? Explain testing techniques.
9. Write notes on the following :
 - (a) SQA
 - (b) S/w Maintenance.