

STRUCTURED SYSTEM ANALYSIS AND DESIGN

Time : 3 Hours

Maximum Marks : 90

Note : Attempt FIVE questions in all selecting one question from each section Question No. 1 is compulsory. All questions carry equal marks.

1. (Compulsory questions):

- i) Define operational feasibility.
- ii) Define logical design.
- iii) Name information gathering tools.
- iv) Name the levels of quality of Assurance.
- v) Define Gantt chart.

SECTION-A

2. Write short notes on :

- a) Physical and Abstract system.
- b) Open and closed system.

3. Explain the life cycle of System development in detail.

SECTION-B

4. Explain :

- i) DFD
- ii) IPO and HIPO charts

- iii) Decision tree.
- 5. Explain the various dimensions of planning. Explain strategic M/S planning.

SECTION-C

- 6. Explain the classification of forms. Also explain the requirement of form design.
- 7. Explain the following :
 - i) Sequential file organization.
 - ii) Cost/ benefit analysis.
 - iii) Logical and Physical view of data.

SECTION-D

- 8. List and briefly describe the factors that affect the quality of a system.
- 9. Explain the phases of maintenance reduction plan.

