

STRUCTURED SYSTEM ANALYSIS AND DESIGN

Time Allowed : 3 Hours

Maximum Marks : 80

Note : Attempt five questions in all, selecting **one** question from each unit in addition to compulsory

Question No. 1. All questions carry equal marks.

Compulsory Question

1. (a) Physical v/s Abstract system
(b) Decision table
(c) Logical system design
(d) White box testing
(e) Cost/benefit analysis

UNIT-I

2. Explain various phases of system of development life cycle in detail.
3. (a) Who is system analyst and what he does in the development of a software system ?
(b) What do you mean by man made information system ? Explain.

UNIT-II

4. What is structured system analysis ? Explain tools of structured analysis

5. Write short notes on the following :

- (a) Technical feasibility
- (b) IPO and HIPO charts
- (c) Interview

UNIT-III

6. Explain various file organisation methods.

7. Explain input form design and output form design for a software system.

UNIT-IV

8. What is testing of a software ? Explain various techniques of testing.

9. Write short notes on the following :

- (a) Software quality assurance levels
- (b) Software cost reduction