

Roll No.

97668

**BCA 2nd Semester
Examination – July, 2022**

STRUCTURED SYSTEM ANALYSIS AND DESIGN

Paper : BCA-102

Time : Three Hours]

[Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

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

1. Write short note on following : 16

- (i) Elements of System
- (ii) DFD
- (iii) Logical and Physical design
- (iv) Test Plan

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UNIT – I

2. Describe the following : 16
- (i) Types of System
 - (ii) Role of System Analyst
3. Define Information. Explain information gathering tools in detail. 16

UNIT – II

4. Define Structured Analysis. Also describe the tools of Structured Analysis. 16
5. Explain the following : 16
- (i) Methods of determining cost and benefits
 - (ii) Oral Presentation

UNIT – III

6. What do you understand by System Design. Explain in detail. 16
7. Explain the following : 16
- (i) Structured Walk through
 - (ii) Classification of firms

UNIT – IV

8. Define System Testing and its objectives. Also explain about testing techniques. 16
9. Describe the following : 16
- (i) System Evaluation
 - (ii) System Documentation
