

Roll No.

97668

**B. C. A. 2nd Semester
Examination – May, 2019**

STRUCTURED SYSTEM ANALYSIS AND DESIGN

Paper : BCA-109

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*.

- 1. Write short notes on the following : 16
 - (i) Initial Investigation
 - (ii) Data Dictionary
 - (iii) O/P design
 - (iv) Test Plan

UNIT – I

- 2. Explain in detail about system Development life cycle. 16

97668-4,050-(P-2)(Q-9)(19)

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- 3. Explain the following : 16
 - (i) Information gathering tools
 - (ii) Determination of feasibility.

UNIT – II

- 4. Describe the following : 16
 - (i) Gantt Charts
 - (ii) Decision tree
- 5. Explain in detail about Cost and Benefit Analysis. 16

UNIT – III

- 6. Define System Design. Explain its objective. Also explain Design Methodologies. 16
- 7. Explain the following : 16
 - (i) Classification of forms
 - (ii) Form control

UNIT – IV

- 8. Explain Quality Assurance goals in system life cycle in detail. 16
- 9. Define system Maintenance. Explain its types. 16

97668-4,050-(P-2)(Q-9)(19) (2)

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