Roll No. ....

97668

B. C. A. 2nd Semester

Examination – May, 2019

STRUCTURED SYSTEM ANALYSIS AND DESIGN

Paper : BCA-209

Time : Three hours]   [Maximum Marks : 80

Before answering the question, 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

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

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