Roll No. ....

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Printed Pages : 2

BCA / M –15

STRUCTURED SYSTEM ANALYSIS AND DESIGN

Paper–BCA–125

Time allowed : 3 hours]　　　　[Maximum marks : 80

Note :　**Question 1 is compulsory. Attempt another four questions, selecting at least one from each unit.**

(Compulsory Question)

1.　Explain the following :

　(a)　Define System.　　　　　　　　　　　　　　2

　(b)　What is a maintenance phase in SDLC ?　　　4

　(c)　What is a pseudo code ?　　　　　　　　　　4

　(d)　What do you mean by behaviour feasibility ?　4

　(e)　Explain various types of keys.　　　　　　　4

Unit–I

2.　Classify system types. What are their characteristics.　18

3.　What is a role of system Analyst ?　　　　　　　18

Unit–II

4.　What is requirement analysis phase ?　　　　　　18

5.　Differentiate between :

　(a)　IPO / HIPO / GATTS Chart　　　　　　　　9

　(b)　DFD / Flow Charts / Decision Trees.　　　　9

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(2)

Unit–III

6.　Write about cost benefit analysis.　　　　　　　18

7.　Differentiate between file system and database systems. Give example characteristics, operation etc.　　　　　18

Unit–IV

8.　What is SQA ?　　　　　　　　　　　　　　　18

9.　Explain various implementation techniques.　　　18

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