Seat No.

BCA (Part - II) (Semester - III) (Revised) Examination, April - 2015
SYSTEM ANALYSIS AND DESIGN (Paper - 303)
Sub. Code : 63398

Day and Date : Tuesday, 21 - 04 - 2015   **Total Marks : 80**
Time : 11.00 a.m. to 02.00 p.m.

Instructions : 1)   Solve any five Questions.
            2)   Figures to the right indicate full marks.

Q1) What is system? Explain elements and different types of system in detail. **[16]**

Q2) a)   Explain the concept of System analysis.   **[8]**
    b)   What is DFD? Write the symbols used in DFD.   **[8]**

Q3) What do you mean by feasibility study? Explain different feasibilities considered before system design.   **[16]**

Q4) a)   Explain the concept of structured and unstructured maintenance.   **[8]**
    b)   What is Output Design? Explain the Objectives of output design.   **[8]**

Q5) What is Testing? Explain different software testing methods.   **[16]**

Q6) a)   Draw an ERD for banking system.   **[8]**
    b)   Explain the concept of sequential access file in detail.   **[8]**

Q7) a)   What do you mean by input validation? Explain the need of input validation.   **[8]**
    b)   Draw DFD for library system.   **[8]**

Q8) Write notes on (Any Two) :   **[16]**
    a)   SDLC
    b)   File Design
    c)   Fact finding Techniques.

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