

N-575

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Seat No.	
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B.C.A. (Faculty of Commerce) (Part - II) (Semester - III)
Examination, April - 2016
SYSTEM ANALYSIS & DESIGN (Paper - 303)
Sub. Code : 63398

Day and Date : Thursday, 28-04-2016

Total Marks : 80

Time : 11.00 a.m. to 2.00 p.m.

- Instructions :**
- 1) All questions carries equal marks.
 - 2) Attempt any five questions.
 - 3) Figures to the right indicate full marks.

- Q1)** What do you mean by feasibility study? Explain different feasibilities considered before development of system. **[16]**
- Q2)** a) What is system? Explain elements of system. **[8]**
b) What is file? Explain different types of file. **[8]**
- Q3)** What do you mean by Computer based system? Explain different phases in SDLC. **[16]**
- Q4)** a) Draw ERD for library system. **[8]**
b) What is maintenance? Explain different types of maintenance. **[8]**
- Q5)** a) What do you mean by Input Design? Explain importance of input validation. **[8]**
b) What are the main activities involved in requirement analysis process? **[8]**

P.T.O.

Q6) What is DFD? What are the symbols used for drawing DFD? Draw context level & first level DFD for hospital system. [16]

Q7) a) What is testing? Explain the process of testing in brief. [8]

b) Explain different characteristics of system. [8]

Q8) Write notes on (Any Two): [16]

a) Fact Finding Techniques.

b) Testing Strategies.

c) Output Design.

