

30 MAR 2019

Code: 20646

B.Sc. (IT) Semester-3
CC-305: System Analysis and Design

Time: 2 Hours 30 Minutes]

[Total Marks: 70

- Q-1(A). What is a System? Explain Types of System [07]
Q-1(B). Discuss the role of System Analyst in detail [07]
OR
- Q-1(A). Discuss various elements of a system [07]
Q-1(B). What is information? Discuss various categories of Information [07]
- Q-2(A). What is SDLC? Explain in brief [07]
Q-2(B). Discuss system design technique in detail. [07]
OR
- Q-2(A). Discuss various elements of system testing. [07]
Q-2(B). What is Requirements Determination? Explain [07]
- Q-3(A). Write a note on SSADM [07]
Q-3(B). What is System Survey? Explain [07]
OR
- Q-3(A). Discuss merits and demerits of SSADM [07]
Q-3(B). What is structured design? Explain [07]
- Q-4(A). Discuss objectives of input design [07]
Q-4(B). What is fact finding? Explain any two fact gathering technique in detail. [07]
OR
- Q-4(A). Discuss principles of output design [07]
Q-4(B). Discuss Verification and Validation. [07]
- Q-5(A). Write a note on data flow diagram. [07]
Q-5(B). Write short notes on: Data dictionary and HIPO chart. [07]
OR
- Q-5(A). Write short note on: Decision table and decision tree. [07]
Q-5(B). Draw context level and 1st level DFD for library management system. [07]

-----X-----X-----