

B.SC. (IT) SEM-3, OCT-NOV-2017,

Code: 20646

Paper No. CC-305 : - SYSTEM ANALYSIS AND DESIGN

Time: 02:30 Hours

Total Marks: 70

- Q.1 (a) Who is system analyst? Explain various roles of system analyst. [7]
(b) Explain various types of system in detail. [7]

OR

- Q.1 (a) What is system? Discuss various characteristics of a system. [7]
(b) What is information? Explain information system in detail. [7]

- Q.2 (a) What is system design? Explain input design in detail [7]
(b) Explain various types of system testing [7]

OR

- Q.2 (a) Explain various types of system design. [7]
(b) List and explain various phases of SDLC in brief. [7]

- Q.3 (a) What is SSADM? Explain in brief. [7]
(b) List out various tools and technique used in Structured Analysis [7]

OR

- Q.3 (a) Write a detail note on Structured Design. [7]
(b) Write a detail note on Structured analysis. [7]

- Q.4 (a) Differentiate Verification and Validation. [7]
(b) Discuss various output design principles in detail. [7]

OR

- Q.4 (a) Write a short note on any two fact finding technique. [7]
(b) Discuss parallel systems and direct conversation implementation methods in brief. [7]

- Q.5 (a) What is Data flow diagram? Explain its levels in detail. [7]
(b) Write a note on decision tree and decision table [7]

OR

- Q.5 (a) Explain HIPO chart and structured with example. [7]
(b) Draw context level and 1st level DFD of library management system. [7]