

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages: 02
Total No. of Questions: 07

BCA (Sem.-3rd)
SYSTEM ANALYSIS & DESIGN
Subject Code: BSBC-301
Paper ID: [B0228]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATE:

Attempt any four questions from section B of the question paper and the entire section A.

Section A

- | | |
|--|----|
| Q1 (a) What is data dictionary? | 02 |
| (b) List various components of a system. | 02 |
| (c) What is design documentation? | 02 |
| (d) What are different methods of information gathering? | 02 |
| (e) What is regression testing? | 02 |
| (f) How integration testing is different from system testing? | 02 |
| (g) How testing is different from debugging? | 02 |
| (h) What is system design? List various stages of system design. | 02 |
| (i) What is economic and social feasibility? | 02 |
| (j) What is need of system maintenance? | 02 |

Section B

- | | |
|--|----|
| Q2 What is SDLC? Explain various phases of SDLC. | 10 |
| Q3 Write notes on the following:- | 10 |
| (a) Data Flow Diagram | |
| (b) Role of System Analyst | |
| Q4 Define system? How system is different from sub-system? Explain various types of system. | 10 |
| Q5 What is input and output design? Explain why proper form designing is essential for a system. Briefly, discuss the criteria used for Form design. | 10 |

Q6

(a) Unit and System Testing

10

(b) Alpha and Beta Testing

Q7

10

---:END:---