

Roll No.

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Total No. of Pages : 2

Total No. of Questions : 07

BCA (Sem.-3rd) (2011 Batch)
SYSTEM ANALYSIS & DESIGN
Subject Code : BSBC-301
Paper ID : [B0228]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students has to attempt any **FOUR** questions.

SECTION-A

1. Write briefly :

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- a) Name various phases of SDLC.
- b) State the role of system analyst.
- c) What are the Elements of File design?
- d) What is a Decision Tree?
- e) Explain any two information gathering techniques.
- f) List some advantages of data dictionary.
- g) What is Alpha and Beta testing?
- h) List various system implementation methods.
- i) State various forms of system maintenance methods existing.
- j) Describe post implementation maintenance process.

SECTION-B

2. What is a system? Explain the phases of System Development Life Cycle in detail.
3. Draw DFD for the employee information system. Make your own assumption about the system.
4. What is a User Interface Design of a system? Explain the various types of User Interfaces for a system.
5. What is input design? What are various methods of input design?
6. Why is system testing required? Explain in detail the formation of testing plans for a system.
7. What are the various steps in System Implementation Process? Explain in detail with the help of an example.

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