

Roll No.

56082

**M.B.A. 2 Year 4th Semester (N.S.)
Examination-May, 2015**

System Analysis and Design

Paper-MBA-414

Time : 3 hours

Max. Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

Note : Section-A is **compulsory**. In Section-B, attempt **one** question from each unit. All questions carry equal marks.

Section-A

1. (a) What is meant by a transaction processing system ?
- (b) What is the significance of a data flow diagram ?

- (c) What is meant by open-ended interview questions ?
- (d) What is a decision tree ?
- (e) What are the advantages of organizing data storage as separate files ?
- (f) What is a prototype ?
- (g) What do you mean by coding ?
- (h) Discuss the need for feasibility study.

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Section-B

Unit-I

2. Define system. Discuss the various elements of a system. Explain the characteristics of the system. Distinguish between manual and automated systems.
3. (a) What are the different types of systems ?

- (b) Define a Case tool. List three advantages of case tools. Explain forward and reverse engineering with appropriate diagrams.

Unit-II

4. Describe the various phases of system development life cycle.
5. Discuss the modern methods for collecting system requirements.

Unit-III

6. Discuss training, conversion and post implementation methods.
7. Explain the features to be considered in input design, capturing data for input and input validation.

Unit-IV

8. Describe the design and management issues of computer networks.
 9. Explain with a neat diagram, architectural models of distributed systems.
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