

12086

MBA 2nd Year 4th Semester Examination,

May-2018

SYSTEMANALYSIS & DESIGN

Paper-17IMG24GT1

*Time allowed : 3 hours]*

*[Maximum marks : 80*

*Note : Attempt five questions in all. Question no. 1 in Section-A is compulsory. Attempt four questions from Section-B, selecting one question from each unit.*

**Section-A**

1. (a) Differentiate between static and dynamic system models.
- (b) What is a decision tree ?
- (c) What is behavioural feasibility ?
- (d) What is the significance of data dictionary ?
- (e) Suggest any two methods to overcome the difficulties in gathering accurate requirements from users.
- (f) What is social feasibility ?
- (g) What are different methods of information gathering ?
- (h) What is need of system maintenance ?

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**Section-B****Unit-I**

2. (a) What is system ? Explain characteristics and types of system.  
(b) Discuss the role of a system analyst in system analysis and design.
3. Explain System Development Life Cycle (SDLC) in detail. How cost/benefit analysis plays an important role in SDLC ? What is the need for system development ?

**Unit-II**

4. Explain various types of feasibility studies that the analyst should consider. Explain the cost- benefit analysis with an example.
5. Write short notes on the following :  
(a) System requirement specification  
(b) Data dictionaries.

**Unit-III**

6. Briefly, discuss the criteria used for Form design. Explain why proper form designing is essential for a system.
7. What is system implementation process ? Explain various system implementation methods with their merits and demerits.

**Unit-IV**

8. Describe architecture model of Distributed System design. How these models play important role in the design of a distributed system ?
9. What is Client/ Server computing ? Discuss the characteristics of Client/ Server system. Discuss the rightsizing and downsizing concept of the Client/ Server.