

[MPDSM-309]  
MBA (SM) DEGREE EXAMINATION

III SEMESTER

SYSTEM ANALYSIS DESIGN  
(Effective from the admitted batch 2012-13)

Time: 3 Hours

Max.Marks: 70

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Instructions: All parts of the unit must be answered in one place only.  
Figures in the right hand margin indicate marks allotted.

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SECTION-A

1. Answer any FIVE of the following: (5×4=20)
- a) Open & Closed systems
  - b) Schematic and statistic models
  - c) Distinguish between logical and physical design
  - d) Distinguish between Snap out & fanfold forms
  - e) Normalisation
  - f) Difference between logical and physical design
  - g) Distinguish between maintenance and enhancement
  - h) Software modification and Software system audit

Section-B

Answer all questions (5×10=50)

2. a) Discuss the Primary characteristics of open systems. In what way is a system entropic
- OR**
- b) What is a system development life cycle? How does it relate to system analysis
3. a) In your own words describe the process of system design
- OR**
- b) What is the goal of input design? Output design?
4. a) Define data structures. What are the major types? Illustrate

**OR**

b) What is implementation? How does it differ from conversions?  
Elaborate

5. a) Review the primary activities of a maintenance procedure

**OR**

b) Suppose you were asked to prepare a plan for training the user staff on a newly acquired microcomputer system

i) What factors do you design the plan?

ii) How would you design the plan?

iii) What objectives are considered as a basis for the plan

6. a) What are the major threats to system security? Which one is the most serious? Why?

**OR**

b) Why is a database implement in MIS? Explain

[26/III Y/216]