

MCA-414**MCA-04/
PGDCA-03**

**M.C.A. DEGREE/P.G.D.C.A. EXAMINATION –
JUNE 2009.**

First Semester/First Year

**ELEMENTS OF SYSTEMS ANALYSIS AND
DESIGN**

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Write about any three important characteristics of open systems.
2. Write a note on 'Planning of systems project'.
3. Describe the characteristics of candidate system.
4. Explain the conceptual data modeling.
5. Explain briefly the procedure used to construct Questionnaire.
6. Explain briefly about the activities involved in system conversion.
7. Describe 'Software Maintenance'.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Discuss the system development Life cycle with a neat diagram.
 9. Explain the behavioural issues that contribute to system success.
 10. Explain about process requirements in detail.
 11. Briefly discuss E-R model with example.
 12. Illustrate the use of decision tables in the representation of logic.
 13. Explain structured design with a neat diagram.
 14. Write short notes on the organizational impact of MIS.
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