

MCA-754

**MCA-04/
PGDCA-03**

**M.C.A. DEGREE/P.G.D.C.A.
EXAMINATION – JUNE 2010.**

First Year

ELEMENTS OF SYSTEMS ANALYSIS DESIGN

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Specify the basic implications of the study of system concepts.
2. What is meant by 'prototyping'? Explain briefly.
3. What are the four major areas of management information system facility?
4. Explain the test of reliability and validity.
5. What is meant by system testing? Explain briefly.
6. Explain, what is meant by hierarchical structure?
7. Write a note on 'quality assurance'.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain in detail about various types of systems.
9. Discuss in detail about the system development life cycle.
10. What are the primary functions of a second-level managerial position in MIS division?
11. Write in detail about on-site observations in fact-finding procedures.
12. List out the key factors the analyst must focus in constructing a questionnaire.
13. What are the major varieties of closed questions?
14. What are the factors which determine the quality of a system?
