

**MCA-949**

**MCA-04/  
PGDCA-03**

**M.C.A. DEGREE/P.G.D.C.A. EXAMINATION –  
JANUARY, 2015.**

**First Year**

**ELEMENTS OF SYSTEM ANALYSIS AND  
DESIGN**

**Time : 3 hours**

**Maximum marks : 75**

**PART A — (5 × 5 = 25 marks)**

**Answer any FIVE questions.**

1. Explain the characteristics of system.
2. What are the elements of a system? Explain.
3. Discuss in detail about structured Design.
4. Explain the types of forms and the requirements of Forms Design.
5. Describe the 'System development life cycle'.
6. Explain the Quality Assurance goals.
7. What are the advantage of multimedia? Explain.

PART B — ( $5 \times 10 = 50$  marks)

Answer any FIVE questions.

8. Describe the various types of system.
9. Discuss the components of a feasibility study.
10. Explain the various output design methods.
11. Describe the important aspects of Database design.
12. What activities are considered in system implementation?
13. Explain the organizational impact of MIS.
14. What are the roles of system Analyst? Explain.

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