

MCA-129	MCA-04/ PGDCA-03
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M.C.A. DEGREE/PGDCA EXAMINATION –
JANUARY 2009.

First Semester/First Year

ELEMENTS OF SYSTEMS ANALYSIS AND
DESIGN

Time : 3 hours

Maximum marks : 75

Answer for 5 marks question should not exceed
2 pages.

Answer for 10 marks questions should not exceed
5 pages.

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Discuss any three characteristics of a system.
2. Describe the system development environment.
3. Write short notes on 'process modeling'.
4. Explain briefly the procedure used in construct Questionnaires.

5. Describe the form design briefly.
6. Write about source document design.
7. Write a note on 'Quality Assurance'.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Discuss the modern methods for collecting system requirement.
9. Explain how decision support system help indecision making.
10. Briefly discuss E-R model with example.
11. Explain the various design forms and reports in detail.
12. Explain HIPO in detail.
13. Describe the file organization and database design.
14. Write in detail the factors to be considered in building Management Information System.