

SUBJECT CODE: MCA0414 MCA04

M.C.A. DEGREE EXAMINATION

DECEMBER, 2010.

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) Explain the systems development environment.
- 2) Write short notes on elements of a system.
- 3) Discuss about logic modeling.
- 4) Explain the system life cycle.
- 5) Explain functional decomposition and with example.
- 6) Explain about structuring system requirements.
- 7) Describe about form design.

PART B (5 (10 = 50 marks)

Answer any FIVE questions.

- 1) Explain about automated tools for system development.
- 2) Explain about initiative and planning system development projects.
- 3) Explain in detail about internet development.
- 4) Explain the conceptual data modeling in detail.
- 5) Explain the advantages and uses of data dictionary and structured English.
- 6) What audit considerations are included in system design? Explain.
- 7) Write short notes on human computer interaction.