

SUBJECT CODE: MCA 751 MCA01

M.C.A. DEGREE EXAMINATION

JUNE, 2010

First Year

COMPUTER FUNDAMENTALS

Time : 3 hours Maximum marks : 75

PART A (5 (5 = 25 marks)

Answer any FIVE questions.

- 1) Explain peripherals.
- 2) Explain Half Adder.
- 3) Explain Register Transfer.
- 4) Explain various types of ROM.
- 5) Explain Micro instruction formats.
- 6) Explain the Rules of Assembly language.

PART B (5 (10 = 50 marks)

Answer any FIVE questions.

- 1) Explain Error Detection Codes with neat diagram.
- 2) Explain about JK and T Flip flop with characteristic table.
- 3) Describe about shift micro operations.
- 4) Explain Addressing modes in detail.
- 5) Explain the characteristics of Multiprocessors.
- 6) Explain about CISC characteristics in detail.
- 7) Explain about RISC pipelining.