MCA–752	MCA–02

M.C.A. DEGREE EXAMINATION – JUNE 2010.

First Year

INTRODUCTION TO SOFTWARE

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   What is loader? What are the types of loader?

2.   Explain about multiprogramming in detail.

3.   Describe about file access permission in UNIX OS.

4.   Explain about Unix features.

5.   Write a shell script to find whether a given number is prime or not.

6.   Explain about qualities of software product.

7. Explain the following case tools :

(a) Project management tool.

(b) Project planning tool.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Write notes on :

(a) Linker

(b) Algorithm.

9. Discuss about deadlock avoidance in detail.

10. Describe about different types of files in Unix system.

11. Explain the relational operators used for numeric comparison in Unix shell script.

12. Write short notes on :

(a) Background process.

(b) Line editor.

13. Explain Fourth Generation Languages (4 GL) in detail.

14. Discuss in detail about trends in s/w development.

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