MCA–947   MCA–02

M.C.A. DEGREE EXAMINATION — JANUARY 2015.

First Year

INTRODUCTION TO SOFTWARE

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What is meant by Assembler Directives? Explain briefly.

2. Name the functions of a loader with an example.

3. Name the three basic components of UNIX operating system.

4. Explain the qualities of software briefly with examples.

5. What are non terminal symbol? Explain.

6. Write short notes on device management.

7. Draw the UNIX architecture and explain briefly.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Write short notes requirements of memory management scheme.

9. Explain the file protection in UNIX in detail.

10. Write short notes on editors and its importance.

11. Write an algorithm to find the factorial of a given number using recursion.

12. Explain the functions of memory management scheme.

13. What is meant by text manipulation? Explain briefly.

14. Discuss in detail about trends in software development.

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