MCA–952	MCA–07/ PGDCA–06

M.C.A. DEGREE/P.G.D.C.A. EXAMINATION — JANUARY 2015.

First Year

INTRODUCTION TO SOFTWARE ENGINEERING

Time : 3 hours Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What are the phases in software development?

2. Write short notes on formal methods.

3. Discuss about product and process.

4. Briefly discuss about the risk.

5. Bring out the ISO 9000 software quality standards.

6. Write short notes on debugging.

7. Explain the functions of system testing.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain spiral and RAD process models.

9. Describe the significance of fourth generation techniques.

10. Explain the COCOMO estimation model.

11. Discuss the following :
    (a) Software crisis
    (b) Software scope.

12. Briefly discuss about software configuration management.

13. Explain the software testing principles in detail.

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