**MCA–132**      **MCA-07/ PGDCA-06**

# M.C.A. DEGREE/PGDCA EXAMINATION – JANUARY 2009.

## Second Semester/First Year

## INTRODUCTION TO SOFTWARE ENGINEERING

Time : 3 hours           Maximum marks : 75

Answer for 5 marks question should not exceed 2 pages.

Answer for 10 marks questions should not exceed 5 pages.

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What is RAD? Discuss.

2. What is prototyping? Discuss.

3. Discuss the role played by System Analyst.

4. What is Quality Assurance? Discuss.

5. Explain Reliability and Robustness.

6. What is Behavioural?

7. What are CASE tools? Discuss Modeling.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Diagrammatically illustrate and discuss the phases in the Software Development Life Cycle.

9. List and discuss the components of a software product.

10. Explain Project Scheduling.

11. Discuss about Project Standards.

12. Discuss various qualities of software product.

13. Explain about Modular Design with example.

14. Explain the different testing techniques.

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