

**MCA-757**

**MCA-07/  
PGDCA-06**

**M.C.A. DEGREE/P.G.D.C.A. EXAMINATION –  
JULY, 2010.**

**First Year**

**INTRODUCTION TO SOFTWARE  
ENGINEERING**

**Time : 3 hours**

**Maximum marks : 75**

**PART A — (5 × 5 = 25 marks)**

**Answer any FIVE questions.**

1. Write about software characteristics.
2. Discuss about phases of software development life cycle.
3. Write about project resources.
4. What is software risk and list out the categories?
5. Write about requirement specification.
6. Discuss about software quality assurance activities.
7. Write short notes on data dictionary.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain any two software process models.
  9. Explain about problem - based estimation technique with example.
  10. Discuss about risk identification in detail.
  11. What are the objectives of formal technical review and explain how it is conducted.
  12. Describe system testing and its various types.
  13. Explain the criteria for effective modular design.
  14. Explain object oriented concepts in detail.
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