

UG-724

BCA-11

B.C.A. DEGREE EXAMINATION – JUNE 2006.

Second Year

INTRODUCTION TO SOFTWARE
ENGINEERING

Time : 3 hours

Maximum marks : 60

(AY 2004-05)

Maximum marks : 75

(AY 2005-06)

PART A — (4 × 5 = 20 marks)

Answer any FOUR questions.

1. Explain the distinct phases of the life cycle of a computer based system.
2. Discuss briefly the four organizational paradigms for software engineering teams.
3. Who is a systems Analyst? What is his role?
4. Explain any three principles of software engineering.
5. What will be the features of the future database?
6. Why software industry is facing a crisis today?

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

7. Discuss in detail the waterfall model of software life cycle.
 8. Discuss the various qualities of a software product.
 9. Describe project standards, conflicts and factors for projects outsourcing.
 10. Explain in detail the typical management Risks in software engineering.
 11. What is structured methodology? Explain the major influencing factors for the same.
 12. Discuss the important techniques and tools available at each stage of the software development life cycle.
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