

UG-422

BCA-11

**U.G. DEGREE EXAMINATION —
JANUARY, 2009.**

(AY 2004–05 batch onwards)

Second Year

B.C.A.

INTRODUCTION TO SOFTWARE ENGINEERING

Time : 3 hours

Maximum marks : 60/75

Answer for 5 marks questions should not exceed
2 pages.

Answer for 10 marks questions should not exceed
5 pages.

PART A

Candidates with enrollment number starting with
A4BCA and C5BCA should answer any **FOUR** from the
Questions 1 to 6 and all others should answer any **FIVE**
from the Questions 1 to 7 in Part A.

(4 × 5 = 20)

(5 × 5 = 25)

1. List any four characteristics of a software product.
2. What is Risk? Discuss.
3. What is a milestone? Discuss its importance.

4. What is object Oriented Software Engineering? Discuss.
5. What is prototyping? Discuss.
6. Explain Structured System Analysis.
7. What are CASE tools used for? Discuss.

PART B

Candidates with enrollment number starting with A4BCA and C5BCA should answer any FOUR from the Questions 8 to 13 and all others should answer any FIVE from the Questions 8 to 14 in Part B.

(4 × 10 = 40)

(5 × 10 = 50)

8. Discuss about the Planning the Development Process.
9. Explain the Software Cost factors in detail.
10. Discuss about Software Design techniques.
11. Explain the Structured coding techniques in detail.
12. Explain the various types of testing in detail.
13. Discuss about the maintenance tools and techniques.
14. Explain the Categories of Case tools.