

**December 2009**

**Bachelor of Computer Applications (BCA) Examination  
V Semester (Autonomous)**

**Software Engineering**

Time : 3 Hours]

[Max. Marks : 40

**Note: Attempt any five questions. All questions carry equal marks.**

1. What is System? Explain the various steps of system development life cycle.

**OR**

Explain the concept of 'Business System' and 'General business Environment'.

2. Explain various steps involved in the cost/benefit analysis of information system projects.

**OR**

What do you mean by feasibility study? Describe various steps involved in feasibility study.

3. Give overview of data flow oriented and object oriented designs.

**OR**

Explain concepts and principles of software design.

4. What is testing? what are the objectives of testing? Explain white box and black box testing techniques.

**OR**

What is art of Debugging? Explain the importance of this technique.

5. What is software maintenance? What are the major activities involved in software maintenance?

**OR**

Discuss various activities of system implementation process with the help of example.

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