

December 2008

**Bachelor of Computer Application (BCA) Examination
V Semester**

Software Engineering

Time : 3 Hours]

[Max. Marks : 40

Note : Attempt all questions.

1. (a) Give reasons why Business System study is necessary.
(b) How does the system environment have an impact on the systems working?

OR

Draw and explain the different stages of the System Development Life Cycle.

2. (a) What is the difference between requirements and specifications?
(b) Specify the reasons on why the feasibility study is necessary.

OR

Explain the cost and benefit analysis with help of a method for cost, benefit analysis.

3. State the difference between object oriented design and data oriented design method.

OR

Explain software design in terms of cohesion and coupling?

4. (a) State the difference between White Box testing and Black Box testing.
(b) State the difference between Unit testing and System testing.

OR

What is strategic test planning and approach to testing?

5. Explain different types of maintenance with examples.

OR

How is the system implementation done?

