

January 2015

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

Software Engineering

Time : 3 Hours]

[Max. Marks : 40

Note : Attempt all questions. All questions carry equal marks.

1. (a) What are stages of SDLC ? Why it is important for S/W development?
(b) Why is the study of business environment important for S/W development?

OR

Why is the selection of process model important for success of project.

2. (a) Explain different techniques of requirement elicitation.
(b) What is role of feasibility study?

OR

What are risks in S/W projects and how can they be overcome ? Also give an example.

3. With the help of an example explain data flow diagram and the various notations.

OR

Differentiate between object oriented analysis and structured analysis.

4. (a) Explain one testing technique.
(b) What is system validation?

OR

Why is quality important for S/W project ? Explain one, quality assurance technique.

5. Explain the term S/W maintenance. Is it important for all kinds of S/W project?

OR

What is S/W selection, H/W selection ? What is their role in S/W implementation?