

February 2014

Bachelor of Computer Application (BCA) Examination

V Semester

Software Engineering

Time 3 Hours]

[Max. Marks 40

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

1. (a) What do you mean by system analysis ?
(b) Write note on general business activities.

OR

Explain system development life cycle with each phase.

2. Describe the importance of project review, project selection and requirement specification.

OR

Describe fact finding techniques with examples.

3. What is structure system analysis? What are it's tools ? Describe.

OR

Write short notes on : (any two)

- (a) Object Oriented Design.
 - (b) Data Flow Diagram.
 - (c) Tools of Structured Analysis
4. What is Software quality assurance ? Why do we need it ? Explain the fundamentals of Software Testing.

OR

- (a) Define bugs, errors, faults and failure.
- (b) Differentiate between verification and validation.

5. Explain various issues involved in Software maintenance.

OR

Write short notes on :

- (a) Selection of Hardware and Software.
- (b) System Implementation.