

Roll No _____

BCA (Sem. - 4th)
Software Engineering
Subject Code: BSBC401 (MAY 2014)

Total Questions : 07

Time : 3 Hours

Maximum Marks : 60

Instructions to Candidates:

- 3) Section – A is compulsory.
- 4) Attempt any four questions from Sections – B

Section – A

Q1.

(10x2=20)

1. What is a Process Framework?
2. Define black box testing strategy.
3. What is software measure?
4. Define software measurement.
5. What is CASE tool?
6. Define Software Lifecycle.
7. Define traceability and its types.
8. Define data flow diagram.
9. What is meant by Data dictionary?
10. What is meant by software prototyping?

Section- B

(4x10=40)

- Q2. What are the various factors associated with cost estimation of a project? Explain cost estimation techniques in detail.
- Q3. Explain design Methodologies and its types in software development.
- Q4. Explain the objective and principles of testing.
- Q5. What do you mean by CASE? Explain the taxonomy of CASE tools.
- Q6. Explain the following:
- a) Architecture Design
 - b) Data Dictionary
- Q7. What is software design? Explain it with the help of its principles and concepts.