

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

BCA (2011 & Onwards) (Sem.-4)

SOFTWARE ENGINEERING

Subject Code : BSBC-401

Paper ID : [B0240]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a. What are the reasons for the failure of water fall model?
- b. How the Process Model differ from one another?
- c. Why testing is important with respect to software?
- d. What is software metric?
- e. What are the characteristics of software measurement?
- f. Write short note on black box testing.
- g. Define Verification & Validation.
- h. State entity relationship diagram.
- i. What is meant by Information flow Continuity?
- j. What is the use of Architectural design?

SECTION-B

2. What is the use of Testing Phase? Explain various types of testing.
3. What do you mean by system analysis? Explain the various principles of structured analysis.
4. What do you mean by testing? Explain the various testing techniques involved in it.
5. What do you mean by test case design? Differentiate between white box and black box testing in detail with the help of example.
6. What is procedural design? Explain it with the help of object oriented concepts.
7. Explain the following :
 - a) Forward engineering
 - b) Integration testing