Roll No.							Total No. of Pages: 0	2

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BCA (2011 & Onwards) (Sem.-4) SOFTWARE ENGINEERING Subject Code: BSBC-401

Paper ID : [B0240]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- 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

- What is the use of Testing Phase? Explain various types of testing. 2.
- 3. What do you mean by system analysis? Explain the various principles of structured analysis.
- What do you mean by testing? Explain the various testing techniques involved in it. 4.
- What do you mean by test case design? Differentiate between white box and black box 5. 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