

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 07

**B.Sc.(IT) (Sem.-6)**  
**SOFTWARE ENGINEERING**  
Subject Code : BS-302  
Paper ID : [B0421]

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 a student has to attempt any FOUR questions.

**SECTION-A****1. Write briefly :**

- a) Explain LOC. Why it is used?
  - b) Give general structure of SRS document.
  - c) How the cost of project is calculated? Explain with mathematical formula.
  - d) What do you understand by the term Coupling?
  - e) What are the different types of cohesion that a module may exhibit?
  - f) Differentiate between alpha and beta testing.
  - g) What do you mean by Boundary Testing?
  - h) What do you mean by Risk Migration?
  - i) What do you mean by Earned Value Analysis?
  - j) What do you mean by Postmortem Reviews?
-

## SECTION-B

2. What is incremental life cycle model? Explain its strengths and limitations also.
3. Explain the following metrics :
  - a) Internal and external
  - b) Static and dynamic
  - c) Interclass and intraclass
4. Explain functional and non functional requirements. Give suitable examples.
5. Discuss different Cost estimation models.
6. Discuss various methods of monitoring and control of software development process.
7. Explain different approaches for integration testing in detail.

a2zpapers.com