

Bachelor of Science (B.Sc. I.T.) Semester—IV (C.B.S.) Examination
SOFTWARE ENGINEERING
Paper—I

Time : Three Hours]

[Maximum Marks : 50

- N.B. :—** (1) All questions carry equal marks.
(2) Draw neat and labelled diagram wherever necessary.

1. **EITHER**
 - (a) What is Software ? Explain Software Myths in detail. 5
 - (b) Explain CMMI in detail. 5

OR

 - (c) Explain Team process model with suitable example. 5
 - (d) Discuss changing nature of software with suitable example. 5
2. **EITHER**
 - (a) Explain unified process in detail. 5
 - (b) Explain Software requirement document in detail. 5

OR

 - (c) Explain function requirement with suitable example. 5
 - (d) Explain Incremental process model in detail. 5
3. **EITHER**
 - (a) Explain Context model with suitable example. 5
 - (b) Explain Requirement dictation and analysis concept. 5

OR

 - (c) Explain requirement management in detail. 5
 - (d) Explain structured method in detail. 5
4. **EITHER**
 - (a) Explain Architectural Design Elements in detail. 5
 - (b) Explain Evolution of Software Design. 5

OR

 - (c) Explain object oriented design concept in detail. 5
 - (d) Explain Software Quality Guidelines with respect to Design process. 5
5. Attempt all :—
 - (a) Explain process pattern in brief. 2½
 - (b) Explain Interface specification. 2½
 - (c) Explain Data model. 2½
 - (d) Explain design classes concept. 2½