

**III B.Tech II Semester Supplementary Examinations,
November/December 2005
SOFTWARE ENGINEERING
(Electronics & Computer Engineering)**

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. Describe the prototyping paradigm. [16]
2. Explain the Grady's private and public use for different types of process data. [16]
3. Discuss the problems of using natural language for requirements specification and show, using small examples, how structuring natural language into forms can help avoid some of these difficulties. [16]
4. (a) "Data Modeling can be viewed as a subset of OOA.". comment on this statement and justify your comments. [8]
(b) "Object Oriented Analysis is radically different from the conventional Structured analysis approach", comment on this statement. [8]
5. State and explain the fundamental concepts that are applicable to all software design. [16]
6. State and explain different categories of Human-Computer Interface design guidelines. [16]
7. Explain various software quality standards and discuss how to assure them. [16]
8. (a) Discuss the various debugging methods. [8]
(b) Discuss the different software faults. [8]
