

***B.Tech. Degree VII Semester(Supplementary)
Examination, June 2008***

**CS 702 OBJECT ORIENTED MODELLING AND DESIGN
(1999 Scheme)**

Time: 3 Hours

Maximum Marks: 100

- I Explain the basic object modeling concepts. (20)
- OR**
- II Write notes on: (20)
- i) Encapsulation and Information hiding
 - ii) Class hierarchy
 - iii) Object persistence
 - iv) Meta classes
- III a) Explain Booch methodology for object modeling. (10)
- b) Explain state chart diagram with an example. (10)
- OR**
- IV a) Explain Jacobson methodology for object modeling. (10)
- b) Explain the various UML extensibility mechanisms. (10)
- V a) Explain the methods for developing an effective documentation. (10)
- b) Explain use case model with example. (10)
- OR**
- VI a) Illustrate with example the process of identifying object relationship, attribute and methods. (12)
- b) Describe business process modeling. (8)
- VII a) Write note on object oriented design philosophy. (10)
- b) Explain the design of classes. (10)
- OR**
- VIII a) Explain object oriented design process and design axioms. (15)
- b) What are the protocols used for object oriented design? (5)
- IX a) What are testing strategies for assuming the quality of a software. (10)
- b) Write notes on multi data base systems. (10)
- OR**
- X a) Explain object orientation in CORBA (10)
- b) Explain RMI. (10)

