

Code No: A2506**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****M.Tech I Semester Examinations, March/April-2011****OBJECT ORIENTED MODELLING****(SOFTWARE ENGINEERING)****Time: 3hours****Max. Marks: 60****Answer any five questions
All questions carry equal marks**

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1. a) Explain the conceptual model of the UML.
b) Give the details about UML architecture. [5+7]
2. a) Discuss various modeling techniques for class diagrams.
b) Explain about common mechanisms for structural modeling. [6+6]
3. a) Explain how to specify asynchronous communication with priority using an example.
b) Describe the role of usecases in constructing the behavior of a system with an example. [6+6]
4. a) Differentiate between processes & threads depiction with an example.
b) Explain the procedure for constructing a component diagram and mention its advantages. [8+4]
5. Describe the characteristics of a unified process. Briefly discuss about menu. [12]
6. a) Explain how iterative approach is risk driven.
b) Explain the amount of designing carried out by the inception phase. [6+6]
7. a) Give the artifacts of construction phase related to major workflows.
b) Describe the artifacts of a transition phase. [6+6]
8. Draw & explain the collaboration and activity diagram for
a) ATM system
b) Library Management system. [6+6]

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