

Code No: 09A60501

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

B. Tech III Year II Semester Examinations, May/June, 2013

Object Oriented Analysis and Design
(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Explain the various Principles of Modeling with examples. [7+8]
b) Give the Modeling a System's Architecture. Discuss. [7+8]
2. State and explain with suitable examples the common modeling techniques of the UML relationships. [15]
- 3.a) Enumerate the steps involved in forward engineering and reverse engineering of use class diagrams. [7+8]
b) Describe the procedures for Modeling the Seams in a System. [7+8]
- 4.a) Why is it necessary to have a variety of diagrams in a model of a system?
b) Which UML diagrams give a static view and which give a dynamic view of a system? Explain with examples with reference to a context. [7+8]
5. Draw the behavioral diagrams for unified library application and explain them briefly. Give assumptions, if any made. [15]
- 6.a) Explain the common properties, common contents and common uses of deployment diagram. [7+8]
b) What is a component? Distinguish three kinds of components. [7+8]
- 7.a) Compare and contrast interaction diagrams with activity diagram. [7+8]
b) Discuss synchronous events in detail. [7+8]
- 8.a) Enumerate the steps to model a workflow. [7+8]
b) Explain modeling the distribution of objects. [7+8]
