R09

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

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1.a) Explain the various Principles of Modeling with examples.
  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.
  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.
  b) What is a component? Distinguish three kinds of components.   [7+8]

7.a) Compare and contrast interaction diagrams with activity diagram..
  b) Discuss synchronous events in detail.   [7+8]

8.a) Enumerate the steps to model a workflow.
  b) Explain modeling the distribution of objects.   [7+8]

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