Code No: 09A60501

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD
B. Tech III Year II Semester Examinations, June-2014
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) What is the need of architecture? Explain UML architecture.
 b) Explain the various phases and workflows of an unified process for software development.

2.a) Give a detail note on stereotypes and tagged values.
 b) Discuss the adornments for association relationship.

3.a) Describe forward and reverse engineering of an object diagram.
 b) With a suitable diagram explain modeling logical database design.

4.a) Differentiate between sequence and collaboration diagrams.
 b) Draw a sequence diagram for customer interactions with Bank ATM systems.

5. What is an event? Explain various kinds of events and their modeling in UML.

6.a) How to organize large set of use cases for a system.
 b) How to model an operation? Explain with example.

7.a) Describe various types of components.
 b) What is the content and uses of deployment diagram? Explain.
 c) Discuss the characteristics of a well-structured component diagram.

8. Explain the static design view of unified library application with necessary diagrams.

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