

Code: 9A05601

B. Tech III Year II Semester (R09) Supplementary Examinations, November/December 2012

**OBJECT ORIENTED ANALYSIS & DESIGN**

(Common to CSS, IT & CSS)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 Define modeling. Explain about the importance of modeling in detail.
- 2 Define class, object, attribute and operations. Explain with example the organization of attributes and operations using stereo types.
- 3 Explain about the steps involved in modeling to forward engineer a class diagram with examples.
- 4 Explain about flat and procedural sequencing with a diagram.
- 5
  - (a) What are the contents, common properties and common uses of use case diagrams?
  - (b) Enumerate the steps to model the context of a system.
- 6
  - (a) List and explain various kinds of events in UML.
  - (b) Enumerate the steps to model the kinds of exceptions that an object may throw through its operations.
- 7
  - (a) Enumerate the steps to reverse engineer a deployment diagram.
  - (b) Enumerate the steps to model a physical database schema.
  - (c) Explain the properties of a component diagram.
- 8 Explain how the extend and include stereotypes of the dependency relation are used with use case diagram for the library system. Give the sequence of steps for drawing the use case diagram.

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