

**Code: R7320506**

B.Tech III Year II Semester (R07) Supplementary Examinations December/January 2015/2016

**OBJECT ORIENTED ANALYSIS & DESIGN**

(Common to CSE, IT and CSS)

(For 2008 regular admitted batch only)

Time: 3 hours

Max Marks: 80

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 Explain about the following:
  - (a) Inception.
  - (b) Design view.
  - (c) Stereotype.
  - (d) Deployment diagram.
- 3 Explain about the steps involved in modeling Simple Collaborations with examples.
- 4 Explain about the steps involved in modeling the flow of control by organization.
- 5
  - (a) What are the contents and common uses of activity diagrams?
  - (b) Differentiate between the Action States and Activity States.
  - (c) What is a triggerless transition? Explain with an example.
- 6
  - (a) Enumerate the steps in modeling interprocess communication.
  - (b) Draw and explain the process for a distributed reservation system with the help of a diagram.
- 7
  - (a) What are the properties of a well-structured component diagram?
  - (b) What are the contents, common properties and common uses of component diagrams? Explain briefly.
- 8 Explain the two interaction diagrams for "Issue of a book" and "Renewal of a book" operations in related to library system.

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