Code No.: 9A05601/R09

B.Tech. III Year II Semester Regular and Supplementary Examinations **Set-2**

April/May - 2013

OBJECT ORIENTED ANALYSIS AND DESIGN

(Common to CSE, IT and CSS)

Time: 3 Hours Max. Marks: 70

*Answer any **FIVE** Questions*

***All** Questions carry **equal** marks*

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1. Explain about object oriented modeling in detail.

2. (a) Define responsibility. Explain responsibility with an example.

   (b) Explain about the steps for modeling of vocabulary of a system with example.

3. Explain and draw the class diagram for student course registration.

4. Define interaction. Draw the graphical representation of messages, links and sequencing of interactions in detail.

5. Prepare an activity diagram that elaborates the details of logging into an email system. Explain the steps with a neat diagram.

6. Define an event and a signal. Explain briefly about the common modeling techniques of events and signals.

7. (a) Enumerate the steps to model executables and libraries.

   (b) What are the characteristics of well-structured components? Explain.

8. Draw the complete use case diagram for the library system and explain the relationships and responsibilities of various actors.