

Code: 9A05601

R09

B.Tech III Year II Semester (R09) Regular & Supplementary Examinations June 2014

OBJECT ORIENTED ANALYSIS & DESIGN

(Common to CSE, IT & CSS)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Explain in detail about UML Language.
- 2 Explain about the following:
 - (a) Principles of modeling.
 - (b) Use case view of a system.
- 3 Define object diagram? Explain about the graphical representation of object diagram of UML in detail.
- 4 Explain and draw the collaboration diagram for while dialing use case for cellular phone connection.
- 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 Write a short note on the following:
 - (a) Events and signals.
 - (b) States and state machines.
 - (c) Processes and threads.
 - (d) Time and space.
- 7 (a) Draw a component diagram for the library system and explain.
(b) Draw a class diagram of business objects in the design model and explain.
- 8 What are the various object participating in the library information system? Explain the object diagram that is associated with various interactions with a neat diagram.
