

## FACULTY OF ENGINEERING

**B.E. 3/4 (CSE) II Semester (Main) Examination, May/June 2011**

### OBJECT ORIENTED SYSTEM DEVELOPMENT

Time : 3 Hours ]

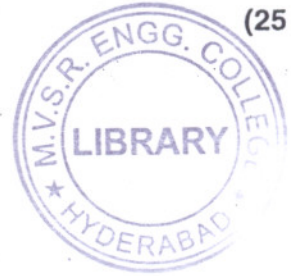
[ Max. Marks : 75

**Note :** Answer all questions from Part A, answer any five questions from Part B.

#### PART – A

(25 Marks)

1. Why we model ? (2)
2. Write notes on Types and Roles. (3)
3. What are use-cases ? (3)
4. Describe the structures of state chart diagrams. (2)
5. What are Artifacts ? (2)
6. Define Architectural modelling. (2)
7. Define Unified process. (3)
8. What is a use-case driven process ? Discuss. (3)
9. What are work flows ? (2)
10. Describe how the requirements capture is done. (3)



#### PART – B

(50 Marks)

11. Describe the basic structural modelling elements in System Development.
12. Explain about use-case Diagrams and Interaction diagrams with examples.
13. (a) Write note on Deployment diagrams.  
(b) Briefly discuss about systems and models.
14. Explain how the unified process is an Architecture-Centric process.
15. Discuss about the Analysis work flow in detail with suitable example.
16. (a) Explain about patterns and frame works.  
(b) Describe the Unified Software Development process, with a neat diagram.
17. Explain about :  
(a) Events and signals.  
(b) Use case realization.  
(c) Packages.