

FACULTY OF ENGINEERING**B.E. 3/4 (CSE) II-Semester (Supplementary) Examination, January 2013****Subject : Object Oriented System Development****Time : 3 Hours****Max. Marks: 75*****Note: Answer all questions of Part - A and answer any five questions from Part-B.*****PART – A (25 Marks)**

1. What are the types of object oriented modeling? (2)
2. List the extensibility mechanisms in UML. (2)
3. What are the five UML approach in s/w architecture? (3)
4. Give the names of the phases in architecture – centric. (2)
5. What are the types of visibility in UML? (2)
6. What do you mean by a template class? (3)
7. Name the standard stereotypes that apply to classes. (3)
8. List at least 4 stereotypes that is applicable to dependency. (3)
9. Define history state with example. (2)
10. What do you mean by testing? Explain with two examples. (3)

PART – B (5x10=50 Marks)

11. Explain Hello world with diagram for each type. (10)
12. Write short notes on the following: (5+5)
 - (a) Aggregation and Decomposition
 - (b) Constraints
13. What is activity diagram? Differentiate between swimlanes and object flow diagram with example. (10)
14. Describe the following: (5+5)
 - (a) Deployment Diagrams
 - (b) Patterns and Frameworks
15. Explain the four P's with the phases of SDLC. (10)
16. (a) What is a Use-Case? Explain Use-Case diagram with example. (5)
(b) Explain sequence diagram with example. Differentiate it from collaboration diagram. (5)
17. How to capture the requirements as use-cases? Explain it with the step-by-step process?
