FACULTY OF ENGINEERING
B.E. 3/4 (CSE) II – Semester (Main) Examination, June 2014

Subject : 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	Explain the importance of modeling.	3
2	What do you mean by deferred events? Explain with example.	2
3	Name the phases of unified software development process and explain briefly.	3
4	What is meant by stereotypes? Explain.	3
5	Explain the common uses of a deployment diagrams.	3
6	What is an artifact?	2
7	What are extensibility mechanisms?	3
8	Mention the different kinds of modeling diagrams used.	2
9	What is a business model? Explain.	2
10	Define association class with an example.	2

PART – B (50 Marks)

11   Discuss in detail about the advanced structural modeling.   10

12 a) Explain about the collaboration diagrams and deployment diagrams.   6
    b) Describe about four kinds of relationships in UML.   4

13 a) Explain about interactions, use cases and their representations.   5
    b) Describe component diagrams.   5

14 Write notes on the following :   3+4+3
    a) Patterns and frameworks
    b) Testing in unified process
    c) Systems and models

15 Explain about   10
    a) Modeling the architecture of a system
    b) Modeling adaptable systems

16 a) Explain the forward and reverse engineering for a class diagram.   6
    b) How to model static and dynamic types depict with an example?   4

17 a) Distinguish between analysis and design model workflows in unified process. 5
    b) What are the 4P's in the software development? Explain.   5

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