FACULTY OF ENGINEERING

B.E. 3/4 (CSE) II-Semester (New) (Main) Examination, May 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 building blocks of UML?   (2)
2. What is an aggregation relationship between classes?   (2)
3. What are extensibility mechanisms?   (3)
4. Define component   (3)
5. What is modeling? What are the advantages of creating a model?   (2)
6. What is domain model?   (2)
7. What is core workflow?   (2)
8. List the 4P's in unified development process.   (3)
9. What are deferred events? Explain with example.   (3)
10. Define a classifier.   (3)

PART – B (5x10=50 Marks)

11. Discuss detail about advanced relationships.   (10)

12. Explain different types of things in UML.   (10)

13. Explain patterns and frameworks with example.   (10)

14.(a) Explain activity diagram with swim lanes with an example.   (6)
    (b) Discuss in detail about packages.   (4)

15. Write short notes on the following: (10)
    (a) Use case diagrams
    (b) Interaction diagrams
    (c) Systems and models

16.(a) What are events? Describe different kinds of events.   (5)
    (b) What are state machines? Explain the concepts related to state machines with
       examples.   (5)

17.(a) Distinguish between analysis and design model workflows in unified process.   (5)
    (b) Discuss the workflow in implementation during the participating workers and their
       activities.   (5)

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