Code No. : **5249/M**

FACULTY OF ENGINEERING

B.E. 3/4 (CSE) II Semester (Main) Examination, May/June 2012

OBJECT ORIENTED SYSTEM DEVELOPMENT

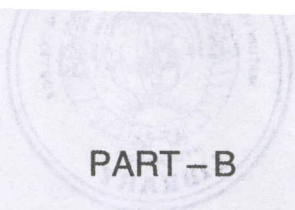Time : 3 Hours]   [Max. Marks : 75

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

PART – A   **25 Marks**

1. What are the aims of modeling ?   3

2. Give the names of different relationships.   2

3. What are the building blocks of UML ?   2

4. Describe OCL (Object Constraint Language) with example.   3

5. Define interface with example.   2

6. Explain instance with its types.   3

7. Differentiate between process and thread with example.   3

8. What do you mean by deferred event ? Explain with example.   2

9. Name the four Ps.   2

10. Compare unit testing with integration testing.   3

PART – B   50 Marks

11. Explain different types of things in UML.   10

12. Discuss advanced relationships.   10

13. What are action states and activity states ? Explain activity diagram with
    swimlanes.   10

14. Differentiate between state machine and state-chart diagram with examples.   10

15. Explain patterns and frame-works with example.   10

16. What is unified process ? Explain 4 P's with the 3 phases of SDLC.   10

17. Describe the following :

    a) Design.   5

    b) Implementation.   5