**Reg. No. \_\_\_\_\_\_\_\_**

**Karunya University**

**(Karunya Institute of Technology and Sciences)**

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

**Supplementary Examination - June 2011**

**Subject Title: OBJECT ORIENTED ANALYSIS AND DESIGN Time: 3 hours**

**Subject Code: 09CS202 Maximum Marks: 100**

#### **Answer ALL questions**

**PART – A (10 x 1 = 10 MARKS)**

1. Define object.

2. Define Persistence.

3. Expand UML.

4. What is use-case?

5. Expand CRC.

6. What is the purpose of documentation?

7. Define axioms.

8. Define Association.

9. What is the purpose of Object Constraint Language?

10. What do you mean by Micro level process?

**PART – B (5 x 3 = 15 MARKS)**

11. Why software is inherently complex?

12. What do you mean by use-case extensibility?

13. What do you mean by object model?

14. Distinguish between Coupling and Cohesion.

15. Distinguish between Micro and Macro Level processes.

**PART – C (5 x 15 = 75 MARKS)**

16. Explain the object –oriented system development life cycle with example.

(OR)

17. Explain the basic characteristics of Object-oriented concepts with example.

18. Explain Rumbagh and Booch methodologies with examples.

(OR)

19. Explain briefly the various UML diagrams with suitable example.

20. Define Use-Case diagram. Explain the components of the use-case diagram. Draw and explain a use-case diagram for inventory management.

(OR)

21. Explain the various classification approaches with suitable example.

22. Discuss on different Corollaries with example.

(OR)

23. Explain the various Class Relationships with neat diagram.

24. Explain the Access Layers with example.

(OR)

25. Create and explain Access Layer for a Banking System with neat diagram.