**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: CA320 Maximum Marks: 100**

**Answer ALL questions (5 x 20 = 100 Marks)**

1. **Compulsory**:

Explain Object Oriented Systems Development: A Use Case Driven Approach in detail.

2. Explain Rumbaugh et al.’s Object Modeling Technique in detail.

(OR)

3. a. Describe Sequence Diagram with an example. (10)

b. Describe Activity Diagram with an example. (10)

4. Write Short notes on:

a. Use Cases under the Microscope. (10)

b. Guidelines for finding a use case (5)

c. Dividing Use Case into Packages (5)

(OR)

5. Explain the steps involved in Noun Phrase approach for identifying classes and apply the same for Via Net ATM scenario.

6. Briefly explain

a. Super-Sub relationships b. A-part-of relationships (10+10)

(OR)

7. a. Define Axiom b. Explain design Corollaries (2+18)

8. Describe the process of

a. Designing methods and protocols (10)

b. Apply the process of designing methods for the Via Net Bank Objects. (10)

(OR)

9. Explain the process involved in designing view layer classes.