**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: SOFTWARE ARCHITECTURE AND DESIGN Time: 3 hours**

**Subject Code: 10CA326 Maximum Marks: 100**

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

1. **Compulsory**:

Explain the different types of architecture from the enterprise point of view.

2. a. What are the different elements of software architecture? Elaborate on each of them. (9)

b. Explain the problems of Software Architectural Design. (11)

(OR)

3. Explain the architectural views with classification.

4. Explain the properties that characterize the Architecture Description Language.

(OR)

5. Describe the quality attributes identified in the quality models that can be addressed by an application's architecture.

6. What are design operators? Explain the different software design operators.

(OR)

7. Explain the taxonomy of architecture styles.

8. Explain the initial set of activities for creating the architectural description.

(OR)

9. Explain the Reference Model for Open Distributed Processing.