**St. Francis Institute of Technology**

**Sub: Advanced database management system**

**Class: TE CMPN A, B**

**Assignment No. 3**

Date: 09/10/2013

1. Explain with proper example nested relations in ORDBMS.
2. Explain object relational features of SQL 3.
3. Write short note on XML Schema elements.
4. What is well formed & valid XML document? Explain with an example what is XML schema file.
5. What is DTD? Give the DTD for an XML representation of the following nested relational schema.

Employee = (ename, childrenset set of (children))

Children = (name, birthdate)

Birthdate = (day, month, year)

Skills = (type, examset set of (exams))

Exams = (year, city)

Date of submission: 15/10/2013