**Ambo University Woliso Campus**

**Department of Computer Science**

**Advanced Database Assignment**

**For 2nd year Computer Science Student**

**1 Develop cost functions for the PROJECT, UNION, INTERSECTION, SET DIFFERENCE,**

**and CARTESIAN PRODUCT algorithms.**

**2 Draw a state diagram and discuss the typical states that a transaction goes**

**through during execution.**

**3 ambo university woliso campus has second year computer science student which has three class room.let each class room has ten student.in each class 5,3,6 females are there respectively.student has name,id,age,sex,and class room.the rooms are section1,section2 and section 3.based on the above information**

**3.1.create database woliso campus and tables for each class using oracle 11g.**

**3.2 insert the student data.**

**3.3 join three tables section1,section2 and section3.**

**3.4 display all female students from three tables.**

**4. How does the granularity of data items affect the performance of concurrency**

**control? What factors affect selection of granularity size for data items?**

**5 Discuss the problems of deadlock and starvation, and the different**

**approaches to dealing with these problems.**

**SUBMITTED TO: INSTRUCTOR BOKI.C**