Practical 09 – Joined Query

Objectives of this practical

- **You will learn how join different relations**

Section A: Joining two tables/relations

1. Write the SQL statement to list all the department name and the name of the director and deputy director, sorted in ascending order of department name.

2. Write the SQL statement to list department name, course name and total semester fee (course fee plus lab fee) sorted by ascending order of department name and descending order of total semester fee.

Section B: Joining three or more tables/relations

3. Write the SQL statement to list the module name and the name of its pre-requisite module. Sort the result in ascending order of the module name and the name of its pre-requisite module.

4. Write the SQL statement to list the name of department, course, student and the age of student. Sort the result in descending order of age of student within ascending order of course name within ascending order of department name.

5. Write the SQL statement to list the name of staff and his supervisor. (self-join)

Section C: Group / Join Query

6. Write the SQL statement to list the number of staff by department name, ordered in descending order of number of staff. The number of staff should be computed based on Staff_relation.