

## **IT667 - Database Management Systems**

### **Lab Assignment 5 - TPC\_H Queryset Handson and advance SQL Queries**

**Note - For the submission, include row count of the output as well.**

1. Understand the concepts of Joins in larger query and datasets by executing the benchmark queries from the query file provided (Do note the query execution time as well at the end of each execution). A link is provided to understand the flow and requirement of the given queries:

[http://www.gdpma.com/tpch/TPCH100\\_Query\\_plans.html](http://www.gdpma.com/tpch/TPCH100_Query_plans.html)

2. Write and execute SQL Queries for the following requirements:
  - a. Find the number of customers for each country.
  - b. Find the top 10 orders having most items in their orders. Show orderid, date, customerid and count of items in that order.
  - c. Find top 3 parts names and show the count based on the most sold basis.
  - d. Find the total amount of orders received from each country. Show country name, total money amount of orders and order count sorted by highest first.