

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-15
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
B.Tech. DEGREE, V SEMESTER EXAM, NOVEMBER- 2024
CSLR51 - Database Management & Systems Lab

DATE: 12-11-2024 TIME: 02:30 p.m. - 05:30 p.m.

MAX.MARKS:50 marks

Question Paper for Student with Roll Number ending with 3, 7

1. Customer (Cust_id, cust_name)

Item (item_id, item_name, price)

Sales (bill_no, bill_date, Cust_id, item_id, qty_sold)

For the above schema, perform the following operations

1. Create the tables with the appropriate integrity constraints and insert around 5 records in each of the tables.
 2. List all the bills for the current date with the customer names and item_id.
 3. List the details of the customer who have bought a product which has a price >200.
 4. Give a count of how many products have been bought by each customer.
 5. Give a list of products bought by a customer having cust_id as 5.
 6. List the item details which are sold as of today.
 7. Create a view which lists out the bill_no, bill_date, cust_id, item_id, price, qty_sold, amount.
 8. Create a view which lists the daily sales date wise for the last one week.
 9. Write a Procedure that accepts item_id from the user, and display the customer details who bought the items.
 10. Write a Function that accepts cust_id from the user and returns sum of items that the customer bought.
 11. Create a trigger that whenever an insertion operation occurs on the item table, a row is added to the Item_log table
12. Design an online Resort Booking system using PHP and MySQL.
Guest (Room No, Guest_id, Name, Address, Phone_number).
Implement the insertion and update details module.