Roll Numbers ending with 1, 5,9

I

    Consider the Travel data.
    Bus (Bus_No, Source, Destination, Couch Type)
    Reservation (PNR_No, Journey date, No-of-seats, Contact-no, Bus_No)
    Ticket (Ticket_No, Journey date, Dep-time, Arr-time, Bus_No)
    Passenger (PNR_No, Ticket No, Name, Age, Sex, Contact-no)

(i) Find the details of the Bus which spends maximum time in the travel. (Use Arrival time, Departure Time)

(ii) Create a view for Passenger based on Passenger name in descending order.

(iii) Find the passenger name in the database who reserves minimum number of tickets.

(iv) Create a Function that returns the no-of-seats reserved when the contact number is given.

(v)   Create a trigger that whenever an insert, update, or delete operation occurs on the Passenger table, a row is added to the passenger log table recording the date, user, and action.

(vi)   Write a procedure which takes the Journey-date as input parameter and lists the names of all passengers who are travelling on that date.

(vii) Create a trigger to raise an exception if the PNR_No is changed.

(viii) Write a function to display the passenger details given the Bus_No.

(ix) Write a procedure to find the total number of tickets books for a given bus-no.

(x)   Find all Passenger names with their journey dates and number of seats.

Roll Numbers ending with 3,7

II a. Consider the following schema

Employee (Emp-Id, NAME, DoB, Sex, Salary, Dept-id)
Department (Dept-name, Dept-id, Dept-location)
Dependent (Employee-Id, Dependent-name, Sex, DoB, Relationship)
Project (P-name, P-id, Proj-location, Dept-id)
WORKS_ON (Emp-id, P-id, Hours)

(i) Display name of all employees who works more than 10 hours.

(ii) Write a function to display the number of employees drawing salary more than the average employee salary.

(iii) Display the employee details working in the same proj-location.

(iv) Write a procedure to display the employee details who has assigned to two projects.

(v) Create a view for Projects based on Proj-location in ascending order.

(vi) Create a trigger to raise an exception if the dept-id is changed.

(vii) Create a trigger to prevent any employee named Robert to be inserted into the table.

(viii) Write a function that will return the employee name who has the youngest dependent.

(ix) Write a procedure to display the department details of the employee working in P-id '1543'.

(x) Find the employee details who have dependent sons.