Zoo – Questions 2

The purpose of this assignment to understand simple SQL statements and answer questions based on the Zoo database schema.

Assignment Requirements

Run the Zoo database's script to create the tables and insert data for these questions.

Questions

1. Return the members' first name, last name, and date of birth for all members who are from 'St. Paul'.

2. Select all the employee IDs of those who are maintenance. Also list their maintenance title.

3. Find employee IDs of those employees who were hired in the month of August.

4. What are the names of the companies that officially donated to a zoo in the month of May?

5. List all receipt ID and order it in ascending order, make sure there are no duplicates.

6. List the difference between the highest payment and the average payment.

7. List what the highest and lowest employee salary is.

8. Select the id, address and phone number for those warehouses that are in California or New Jersey. (Use IN clause).

9. List the animals' name that arrived in May of 1999. List the animals' name in alphabetical order.

10.   Find all the employee first name, last name, and phone number for all employees that make at most $20000 a year. Order the results by employee last name.

11.   How many employees are certified and how many are not? Use an alias name "TOTAL_EMP".

12.   Find out how many membership owners are from each city.

13.   What zoo(s) have more than 10 keepers?

14.   Find the name of the purchased product which has the max difference between suggested and purchase price. Label the difference as 'Profit' and use a subquery.

15.   What is the lowest private event price from the Minnesota Zoo? Use a subquery.

16.   Name all the animals with "Mumps" using subqueries.

17.   List the first name, last name, and salary for the highest paid employee. Use a subquery.

18.   List the ID, first name, and last name of employees who work in the 'Finance' department. Use a subquery.

19.   How many days did it take to manufacture the product with the latest start date? Use a subquery.

20.   List the department name of the employee with the least salary. Use a subquery.

21.   List the employee ID, employee first and last names, as well as the hire date of employees whose salary is greater than $55,000 and is employed at the Minnesota Zoo. Use a subquery.

22.   List the illness description and treatments of Joseph. Use a subquery.

23.   Find the sum of inventory amount for each warehouse whose sum is greater than the average of the inventory. Use a subquery.

24.   What are the dietary requirements for Justin? Use a subquery.

25.   List the store ID and address of the stores that are located in the Minnesota Zoo. (Use subquery)

26.   Find the animal names for all coyotes acquired from the Philadelphia Zoo. Use a subquery.

27.   Some animals must live alone, away from others. List the names of all illnesses that have affected these animals and the dates their illnesses began. Use a subquery in your solution and output the results in chronological order.

28.   Select the office ID and employee first and last name for the employees that work in the 'Inner Zoo Research Facility'.

29.   List the first and last name of all the employees that are not keep certified.

30.   List the food item description and food prices that belong with the Bee Hummingbird Meal 2 category description.

Submitting Assignment

Follow the Submission Guidelines on D2L to format your submission(s). **Name** the files using, LastnameFIZOO2 as part of the file name, e.g. WellsZOO2, and **drop** it in the Question 2 dropbox(s) on D2L.