**Assignment-2**

1. Alter the table employee add a new column category (char (1 )).

2. Alter the table employee increase the width of the column empno to 8.

3. Write SQL command to drop a column from a table.

4. Write a SQL that will drop multiple columns from a table.

5. Create a read only view that will show empno, empname, address, salary

6. Write a SQL Query to find the Average and Minimum and Sum of Salary Of the Employee.

7. Write a SQL Query to find the Maximum Salary of the employees and it will display Column as Maximum Salary.

8. Write a SQL Query to find the Average Salary of the Employees.

9. Write a SQL Query which will show all employees (the empno, empname, Address) whose Salary is greater than the average Salary of the employee.

10 Write a SQL Query to count the number of employee whose salary is greater than Rs.10000.

11. Write a SQL Query to find the names of all employees whose name start with `S' And ends with 'n'.

12. Write a SQL Query to find empname of the employees whose age is greater than 30 years(as on today) and working for atleast 2 years.

13. Write a SQL Query to find the current time.

14. Write a SQL Query to list all employees in ascending order of their salary.

15. Write a SQL Query that will set category to

a) 'A' if salary of employee is>20000.

b) 'B' if salary of employee is>=10000 but <20000.

c) 'C' if Salary of employee is <10000 but >=7000.

d) TY if salary of employee is<7000.

16. Write a SQL Query to find all employee names in whose name there are two Consecutive 'W.

17. Write a SQL Query to find sum of salary of employee grouped by category with a minimum sum of 30000.

18. Write a SQL Query to show the list of employee whose salary is between 7000 and 15000.

19. Write a SQL Query to show the list of employee whose category is A or B or C.

20. Write a SQL Query to show the fields of employee separated by ‘,'.

21. Write a SQL Query to show employee list where empname=B.Jana and dob 07/05/73 will be displayed as 'B. Jana born on seventh May 1973'.

22. Create a table empp with same attributes length as employee and copy the content of employee into empp.

Design a Company database which keeps information to represent each

i) employee (name varchar (20), employee\_no number (10), address

varchar (20), sex char (I), salary number (10), departno varchar(10))

ii) depart (deptno varchar (10), deptname varchar (20), managerempno

number(10), credstartdate date) ~

iii) project (pname varchar (15) pnumber integer, location varchar(20),

Dept no varchar (20)).

iv) workson (empno varchar (10), pno integer, hours number (3,I)).

23. Draw a suitable E-R Diagram for the above database.

24. Write an appropriate SQL DDL statements for declaring the above database.

25. Write SQL statements to retrieve the names of all employees who lives in '20 A.J.C Bose Road' and whose department is not 'research'

26. Write SQL statements to retrieve the project number (pnumber), controlling dePartment number and manager's where the project located at 'Calcutta'.

27. Write SQL statements to retrieve the lists of all employees and the project they are working on ordered by department.

28. Write SQL statements to increase the salary of all managers by 30%.