

## **Subject: CA4201**

### **Write SQL Queries for followings:**

**Given table: EMPLOYEE(ID FNAME LNAME GENDER SALARY  
HIREDATE)**

- 1) Find the Employees who hired in the Last n days
- 2) Find the Employees who were hired in the Last n years
- 3) Select all names that start with a given letter
- 4) Write An SQL Query To Print The First Three Characters Of FNAME.
- 5) Write An SQL Query To Find The Position Of The Alphabet ('A') In The First Name Column 'Amitabh'
- 6) Write An SQL Query To Print The FNAME After Removing White Spaces From The Right Side
- 7) Write An SQL Query To Print The FNAME And LNAME Into A Single Column COMPLETE\_NAME. A Space Char Should Separate Them.
- 8) Write An SQL Query To Print All EMPLOYEE Details Order By FNAME Ascending.

**Given table: WORKER( WORKER\_ID FIRST\_NAME LAST\_NAME  
SALARY JOINING\_DATE DEPARTMENT )**

- 9) Write An SQL Query To Print All Worker Details From The Worker Table Order By FIRST\_NAME Ascending And DEPARTMENT Descending.
- 10) Write An SQL Query To Print Details Of The Workers Whose FIRST\_NAME Contains 'A'.
- 11) Write An SQL Query To Print Details Of The Workers Whose FIRST\_NAME Ends With 'A'.
- 12) Write An SQL Query To Print Details Of The Workers Whose FIRST\_NAME Ends With 'H' And Contains Six Alphabets.
- 13) Write An SQL Query To Print Details Of The Workers Who Have Joined In Feb'2014.
- 14) Write An SQL Query To Fetch The Count Of Employees Working In The Department 'Admin'.
- 15) Write An SQL Query To Fetch Worker Names With Salaries  $\geq 50000$  And  $\leq 100000$ .

**Given another table: TITLE (WORKER\_REF\_ID      WORKER\_TITLE  
AFFECTED\_FROM) where WORKER\_REF\_ID is foreign key to WORKER\_ID**

- 16) Write An SQL Query To Print Details Of The Workers Who Are Also Managers.
- 17) Write An SQL Query To Fetch Duplicate Records Having Matching Data In Some Fields Of A Table.
- 18) Write An SQL Query To Show Only Odd Rows From A Table.
- 19) Write An SQL Query To Clone A New Table From Another Table.
- 20) Write An SQL Query To Fetch Intersecting Records Of Two Tables.
- 21) Write An SQL Query To Show Records From One Table That Another Table Does Not Have.
- 22) Write An SQL Query To Print top 5 salaries from EMPLOYEE
- 23) Write An SQL Query To Determine The Nth (Say N=5) Highest Salary From A Table.
- 24) Write An SQL Query To Fetch The List Of Employees With The Same Salary.
- 25) Write An SQL Query To Show One Row Twice In Results From A Table.
- 26) Write An SQL Query To Fetch The First 50% Records From A Table.
- 27) Write An SQL Query To Fetch The Departments That Have Less Than Five People In It.
- 28) Write An SQL Query To Show All Departments Along With The Number Of People In There.
- 29) Write An SQL Query To Show The Last Record From A Table.
- 30) Write An SQL Query To Fetch The Last Five Records From A Table.
- 31) Write An SQL Query To Print The Name Of Employees Having The Highest Salary In Each Department.
- 32) Write An SQL Query To Fetch Departments Along With The Total Salaries Paid For Each Of Them

**Given table: EMPLOYEES (EmpId      FullName      ManagerId      DateOfJoining) and  
EMPLOYEE\_SALARY (EmpId      Project      Salary)**

- 33) Write a SQL query to fetch project-wise count of employees sorted by project's count in descending order.

- 34) Write a query to fetch only the first name(string before space) from the FullName column of EmployeeDetails table.
- 35) Write a SQL query to fetch all employee records from EmployeeDetails table who have a salary record in EmployeeSalary table.
- 36) Write a SQL query to fetch duplicate records from a table.
- 37) Write a SQL query to remove duplicates from a table without using temporary table.
- 38) Write a SQL query to create a new table with data and structure copied from another table.
- 39) Write a SQL query to find current date-time.
- 40) Write a SQL query to fetch all the Employees details from EmployeeDetails table who joined in Year 2016.
- 41) Write SQL query to find the 3rd highest salary from table without using TOP/limit keyword.
- 42) DELETE DUPLICATE RECORDS from a table.
- 43) print the name of the distinct employees whose DOB is between 01/01/1960 to 31/12/1987
- 44) write a query to get employee names starting with a vowel
- 45) write a query to get employee names ending with a vowel
- 46) write a query to get employee names starting and ending with a vowel
- 47) write a query get random employee record from the table
- 48) write a query to print prime numbers from 1 to 100
- 49) write a query First\_Name from employee table in upper case
- 50) Get First\_Name from employee table after replacing 'o' with '\$'