Candidate Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_

***Directions: Please create the DEPT and EMP table and run the Insert scripts.* [20 QUESTION, 40 minutes]**

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| **CREATE DEPT TABLE AND INSERT THE DATA**  **create table dept(**  **deptno int constraint pk\_dept primary key,**  **dname nvarchar(14),**  **loc nvarchar(13) )** | insert into dept values(10, 'ACCOUNTING', 'NEW YORK');  insert into dept values(20, 'RESEARCH', 'DALLAS');  insert into dept values(30, 'SALES', 'CHICAGO');  insert into dept values(40, 'OPERATIONS', 'BOSTON'); |
| **CREATE EMP TABLE AND INSERT THE DATA**  **create table emp**  **(**  **empno int,**  **ename nvarchar(10),**  **job nvarchar(9),**  **mgr int,**  **hiredate date,**  **sal float,**  **comm int,**  **deptno int,**  **constraint pk\_emp primary key (empno),**  **constraint fk\_deptno foreign key (deptno) references dept (deptno)**  **)**  **Note : The sal defined in the table is monthly salary** | insert into emp values(7839, 'KING', 'PRESIDENT', null, '11-17-1981', 5000, null, 10);  insert into emp values(7698, 'BLAKE', 'MANAGER', 7839, '5-1-1981', 2850, null, 30);  insert into emp values(7782, 'CLARK', 'MANAGER', 7839, '6-9-1981', 2450, null, 10);  insert into emp values(7566, 'JONES', 'MANAGER', 7839, '4-2-1981', 2975, null, 20);  insert into emp values(7788, 'SCOTT', 'ANALYST', 7566, '7-13-1987' , 3000, null, 20);  insert into emp values(7902, 'FORD', 'ANALYST', 7566, '12-3-1981', 3000, null, 20);  insert into emp values(7369, 'SMITH', 'CLERK', 7902, '12-17-1980', 800, null, 20);  insert into emp values(7499, 'ALLEN', 'SALESMAN', 7698, '2-20-1981', 1600, 300, 30);  insert into emp values(7521, 'WARD', 'SALESMAN', 7698, '2-22-1981', 1250, 500, 30);  insert into emp values(7654, 'MARTIN', 'SALESMAN', 7698, '9-28-1981',1250, 1400, 30);  insert into emp values(7844, 'TURNER', 'SALESMAN', 7698, '9-8-1981', 1500, 0, 30);  insert into emp values(7876, 'ADAMS', 'CLERK', 7788, '7-13-1987', 1100, null, 20);  insert into emp values(7900, 'JAMES', 'CLERK', 7698,'12-3-1981', 950, null, 30);  insert into emp values( 7934, 'MILLER', 'CLERK', 7782, '1-23-1982', 1300, null, 10); |

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| QUESTIONS | |
| 1 | Display all the information of the EMP table? |
| 2 | Display unique Jobs from EMP table? |
| 3 | List the employees in the asc order of their Salaries? |
| 4 | List the details of the employees in asc order of the Dptnos and desc of Jobs? |
| 5 | Display all the unique job groups in the descending order? |
| 6 | Display all the details of all ‘Mgrs’ |
| 7 | List the emps who joined before 1981. |
| 8 | List the Empno, Ename, Sal, Daily sal of all emps in the asc order of Annsal. |
| 9 | Display the Empno, Ename, job, Hiredate, Exp of all Mgrs |
| 10 | List the emps along with their Exp and Daily Sal is more than Rs.100. |
| 11 | List the emps who joined on 1-MAY-81,3-DEC-81,17-DEC-81,19-JAN-80 in asc order of seniority. |
| 12 | List the employees who are working for the Deptno 10 or20. |
| 13 | List the employees who are joined in the year 81. |
| 14 | List the employees who are joined in the month of Aug 1980. |
| 15 | List the employees Whose Annual Salary ranging from 22000 and 45000. |
| 16 | List the Enames those are having five characters in their Names. |
| 17 | List the Enames those are starting with ‘S’ and with five characters. |
| 18 | List the employees those are having four chars and third character must be ‘r’. |
| 19 | List the Five character Enames starting with ‘S’ and ending with ‘H’. |
| 20 | List the employees who joined in January. |