COURSE: SQL SERVER

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

**READ THESE INSTRUCTIONS FIRST:**

Write in dark blue or black pen.

Do not use highlighters, correction fluid and glue.

CREATE THE FOLLOWING TABLE DESCRIBED BELOW AND INSERT THE DATA AS GIVE BELOW.

AFTER CREATING THE TABLES WITH DATA, SOLVE THE QUERIES GIVEN BELOW :-

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| **create table dept(**  **deptno int,**  **dname nvarchar(14),**  **loc nvarchar(13),**  **constraint pk\_dept primary key (deptno)**  **)**  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 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); |

**SQL-QUERIES**

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| 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. |
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