**Mid Term Paper (Fall-2023)**

**BSIT-7(Evening)**

**Database Administraton & Management (CS-601)**

**Maximum Marks: 36 Total Time: 1.0 Hr**

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Question #1: 18 Marks

You are given following schema.  
EMP:- Empno, Ename, Sal, Comm, Hiredate, Job, Mgr, Deptno  
DEPT:- Deptno, Dname, Loc  
SALGRADE:- Grade, Losal, Hisal

Write SQL command as directed in each case.

1. Display current date, name of day, name of month and number of days of the current year passed in a single SQL command.
2. Display name, salary, location and grade of those employees whose grade is 1.
3. Create a user define view New\_View using EMP table such that all DML commands can only be executed for those records with deptno value equel to 10
4. Using a SQL built-in function, extract ‘SITY’ from a big string ‘UNIVERSITY ‘
5. Display the number of employees with the same job titles working in department number 20.
6. A user defined view NEW\_VW has already been created on the base table STUDENT. Display all the contents of the base table through NEW\_VW.

Question #2: 09 Marks

TEST table needs to be replicated after each 15 minutes when a transaction is completed. Write a SQL command to create a materialized view ALPHA in USER1 tablespace with fast refresh option.

Question #3:

Explanin dimensions of architectural model of Distributed DBMS. 09 Marks