**DBS**

**TUTORIAL QUESTIONS**

**(CO1, CO2, CO3,CO4, CO5)**

**UNIT-I**

1. Define a DATABASE, DBMS.
2. Draw the E-R diagram for any one application. (Library, University, Banking, etc.)

**UNIT-II**

1. Write any FOUR relational algebraic queries (using conditional operator)
2. Write SQL queries using aggregate functions.

**UNIT-III**

1. Explain Embedded SQL
2. What is Functional Dependencies.

**UNIT-IV**

1. Describe about 'Thomas' write rule.
2. Explain Bitmap indices. And Cascading Rollback.

**UNIT-V**

1. What is Dead Lock and Write about Dead Lock prevention.
2. Explain Buffer Management