

**CS8492 Database Management Systems**

**Important 2mark Questions**

**Unit I**

1. State the anomalies of INF.
2. What are the disadvantages of file processing system?
3. What is a weak entity? Give example.
4. Distinguish between key and super key.
5. State the levels of abstraction in a DBMS.

**Unit II**

1. Differentiate static and dynamic SQL.
2. Explain "Query Optimization"?
3. What is data definition language? Give example.
4. What is a query execution plan?
5. State the steps in query processing.

**Unit III**

1. What is meant by concurrency control?
2. What are the properties of transaction?
3. List the four conditions for deadlock.
4. What type of locking needed for insert and delete operations?
5. Define ACID properties.

**Unit IV**

1. Differentiate static and dynamic hashing.
2. Define software and hardware RAID systems.
3. List out the mechanisms to avoid collision during hashing.
4. State the function of data marts.
5. What are data fragmentations? State the various fragmentations with example.

**Unit V**

1. List the types of privileges used in database access control.
2. What are the advantages of data warehouse?
3. Define a distributed database management system.
4. Distinguish between threats and risks.
5. State the function of XML schema.