1. What is normalization? Explain its types.

Solution: Definition and 3 normal forms.

2. What is a primary key in DBMS? Why is it important?

Solution: Definition and min 3 importance.

3. Explain the ACID properties of a transaction in DBMS.

Solution: Explain 4 acid properties: Atomicity, Consistency, Isolation, and Durability.

4. What is a deadlock in DBMS, and how can it be prevented?

Solution: Definition of Deadlock and min 3 ways to prevent it.

5. What are the advantages and disadvantages of a distributed database?

Solution: 1 line Definition of Distributed database, min 3 advantages and 3 disadvantages.