

(2)

2. Explain how we can convert ER model into relational schema. What is generalization and specialization ?

OR

Make an ER diagram from Banking Management system.

3. Explain syntax of inner, outer and self joins through suitable example. What do you mean by nested queries ?

OR

What do you mean from alter commands of SQL ? How they can be used ? Explain any five data types of SQL.

4. What do you mean from decomposition ? Explain functional and multivalued dependencies.

OR

Write about 1NF, BCNF, 4NF and Project join normal form.

5. Compare Relational Algebra and Relational Calculus. Write fundamental operations of relational algebra.

OR

(3)

What is procedural and non-procedural query language ? Explain foreign key and primary key.
