UNIT-III

5. Differentiate between following using suitable examples:
(a) Entity integrity constraint and Referential integrity constraint.
(b) Functional dependency and Transitive dependency.
(c) First Normal form and Second normal form.

6. (a) What do you understand by insertion/deletion/updation anomalies ?
(b) Using an example show that BCNF is more desirable than 3NF.

UNIT-IV

7. What do you understand by Concurrent processing ? What are the problems with it ? Give a brief overview of the locking techniques for concurrency control.

8. (a) Distinguish between Redo and Undo recovery techniques.
(b) What do you understand by Serializability of schedules ?