

**20IT4304 Database Management Systems**  
**Assignment II questions from Unit III**

S.No	Question	CO Mapping	BTL
1	a. Design an ER diagram for a BANK database schema	CO1	Apply
2	a.What is an entity type? What is an entity set? Give example each. Explain the differences among an entity, an entity type, and an entity set b.Develop an ER diagram for a UNIVERSITY database schema	CO1	Understand
3	a.Explain in detail 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Normal Forms with examples.	CO1	Remember
4	a. Discuss insertion, deletion, and modification anomalies. Why are they considered bad? Illustrate with examples	CO3	Analyze
		CO3	Understand
		CO3	Apply
7	a.Illustrate Join operations in relational algebra with example each. b. Demonstrate Division operation in relational algebra with an example.	CO2	Apply