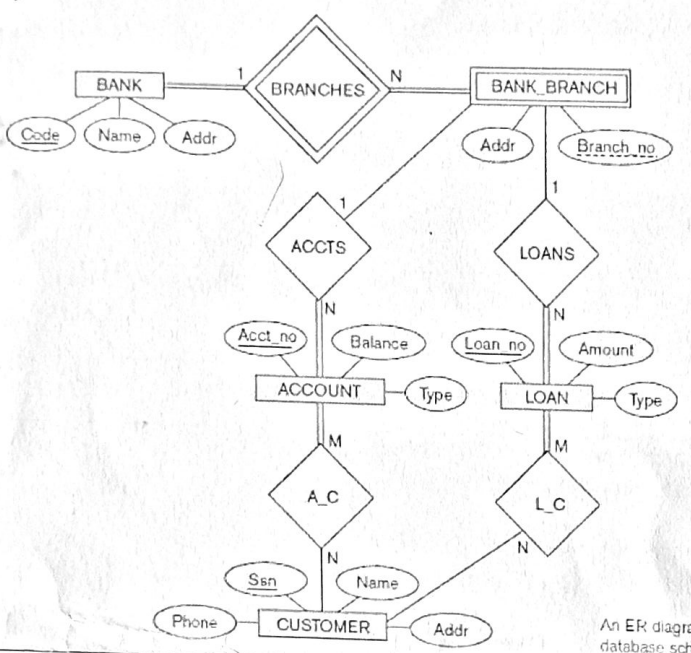


2	a.	Differentiate between: i) Derived v/s stored attribute ii) Candidate v/s super key	04	L2	CO1
	b.	Figure below shows an ER diagram for BANK database. Map this ER diagram into a relational schema and specify all primary keys and foreign keys. 	06	L3	CO1
	c.	Explain key constraint, entity integrity constraint and referential integrity constraint.	05 (1.5 + 1.5 + 2)	L2	CO2
OR					
3	a.	List and explain any four DBMS interfaces.	04	L2	CO1
	b.	Explain unary relational operators with examples.	05	L2	CO2
	c.	What are the constraints violated during Update operation? Explain with examples.	06	L4	CO2

Course Outcomes meant to be assessed by the IA Test 1:

CO1: Design entity-relationship diagrams to represent simple database applications and convert to Relational model (PO-2, 3, 4, 5, PSO-2)

CO2: Construct relational algebraic expressions for queries using the concepts of relational database theory (PO-1, 2, 4, PSO-2)