2	a.	Differentiate between:	04	L2	CO1
	Š.	i) Derived v/s stored attribute ii) Candidate v/s super key			tak p
	b.	Figure below shows an ER diagram for BANK database. Map this ER	06	L3	CO1
	100	diagram into a relational schema and specify all primary keys and foreign		2.4	
		keys.			
	X.				
		BANK BRANCHES N BANK BRANCH			
		Code (Name Addr)			
		Addr Addr Branch no			
			to the second		
		ACCTS LOANS			1
		Acct_no Balance (Loan no) Amount			
		ACCOUNT Type LOAN Type			
		M			
		A_C \ L_C			
		Ssn Name			
	7	Phone CUSTOMER Addr An ER diagram for a BANK			
0.6	c.	database set			
		Explain key constraint, entity integrity constraint and referential integrity constraint.	05	L2	CO ₂
	1		(1.5 +		
			1.5 + 2)		
	a.	List and explain any four DBMS interfaces.			
7			04	L2	CO
	b.	Explain unary relational operators with examples.			CO
			05	L2	CO
	c.	What are the constraints violated during Update operation? Explain with examples.	06		
_		Course Outcomes meant to be assessed by the IA Test 1.	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)