VCD-1	- C. S. C. A.	: Sem. III - 1 SEM. III - MARKS: - 60 - 2 UPS	(1 450
NOTE:	1.	All questions are compulsory. Figures to the right indicate full marks.	(1700
Q.1.	a.		101
	b.	What are the fundamental operations used in relational algebra ?	(8 (7
	b.	What are views ? What are its advantages? Explain with query example.	(7
Q.2.	a.	Write a short note on - 1. Specialization. 2. Generalization.	(8)
	b. 2)	What do you mean by Weak Entity set ?	(7)
)	b.		(7)
Q.3.	a.	Consider following tables - 1. Employee (empno, ename, city).	(8)
		3. Working (empno, deptno)	o.
		Solve following queries - 1. How many employees works in each department ?	
		 Display employee details with their departments.(solve with subque Display employee details if and only if any of the employee living in city ' Mumbai'. (Solve with ANY operator). 	гу).
		4. How many employees living in each city ?	
)	b.	What do you mean by join ? Explain equi-join and left-join with proper example.	(7)
	b.	(OR) What do you mean by constraint? Explain primary key constraint and foreign key constraint with suitable example.	(7)
Q.4.	a.	What are triggers ? How trigger achieves data integrity? Explain all types of triggers.	(8)
	b.	What is an index ? Explain with syntax. Give example of it. (OR)	(7)

(7)

Create a procedure for addition of two numbers. Execute it.