1028510053

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Duration: I hour Marks: 25 Marks

General Instructions: Viva will be taken at the time of practical as well as after the practical if required.

The figures to the right indicate full marks.

If you are using any additional information, state it clearly.

Once you finish with the code show it to the examiner for testing. Write your answer in Word file and upload if on Moodle.

Q.	Consider the bank database given below. The primary keys are underlined and the	10
A)	data types are specified:	
	BRANCH(branch_name:varchar2(30),branch_city:varchar2(30),assets:number(10)) CUSTOMER(customer_name:varchar2(30),customer_street:varchar2(30), customer_city:varchar2(30)) ACCOUNT(account_number:number(10),customer_name:varchar2(30), branch_name:varchar2(30), balance:number(10))	
	a) Create the above tables by properly specifying the primary keys and the foreign keys and named constraints. b) Enter atleast five tuples for each relation:	
	c) List the details of all customers who belong to the 'P K Road' branch. d) List the customers who live in Mumbai and have their branch in Nagpur city. e) Give the details of all customers who have a balance above Rs. 100000	
B)		1
C)	List the customers who have the same living city and branch city	5

Create table branch (branch- name varchar (30) primary key, branch-city varchar (30), auti int);

Create table customer (customer-name vardour (30) princip key, contoner-city vardar(30), contoner-city vardar(30)) Create table accounts Caccount number int primary key,

Curoner-rane vardor (30), branch-rane vardor (30), balance int);

Aller table accounts add contraint foreign key fkl (contoner-name) Alter table account add commaint breign tey ft? (brand name) references

to insert into surtomer value ("shoyab", 'neithory road', 'neurolai') Catharra', 'asad ragar', humbai'), ('adh', 'doublab', 'neubai')
Cridhi 'bandra', "neubai'), ('nerural', 'road', 'rachik'); insert into branch values C'arolleri', 'mundai', 10, (bardio', number, 20), ('badlafar', 'number', S), ('churchgate', 'number', 8), ('vaiai, 'Number', 30); insert into account Evaluer (1, 'shayab', 'and hey' 99999999) (2, 'nidhi', 'bandra', 999999), (3, 'athana', 9999999); (3, 'athoma', 'ardhori', 9999999), (2, 'adik', 'badlapur', 99999), (5, 'mund', andher', 9999); . Select & from curboner where curboner-same in Celect curboner-same how accounts where brown name = 'andheri'); Select of from customer where customer name in Cselect customer name from accounts branch-name in (select branch name from stranch where branch-city = 'numbai')) and autoner-city = 'nachile'; Select * hon customer where customer name in (select customer-name home accounts where balance > 108608 Create definer: root @ localhod' higger 'chushio. b'
After update on 'accounts' for each row it new balance < 1000 then Signal solstate '45000' set neuge-tent: 'Balance below numer!'; > update account set balance = 999 where curroner-name = adit; 3 Select * from curboner mesoure c where componer-name in (select curtomer-rane from accounts where branch-name in (select 6. branch name from branch b where b. branch - city = c. customer-city)); drop database pracemans