10/03/2	ROBMS KUETOVORA NAME: KUSH VORA ROLL NO: 1911064
QIA B	Tompany - name = "state bank of India") (works) Toperson name (Company - name = Bank of Barroda) A (salary > 50000) (works)
c)	Thesperson-name, lives [city] (6 (company name = Punjab National) A (salary > 50231) A (Lives [person-name] = Works [Punjab National) A (Lives [person-name] = Works)
D	(located-in Ecompany) = works [company-7] A (located-in [city] = lives [city] A (lives [person-name] = works [person] (works x lives x located-in)
E	SELECT E1. person - name FROM lives Be, lives Bez, manages As M WHERE Pl. person - name = m. person - name and n. manager - name = ez. person - name and e1. street = e2. street and e1. city = e2. street.
F)	SELECT Works. person - name FROM WORKS WHERE Works. company-name != "Canara Bank".

ROBMS Kwaldloga 10/03/2021 Page No. SELECT lines person - name FROM lines AS L, WORKS AS W WHERE L. city = " Mathera" and w. company - nan Westherson-vaniching feith (Leves Kinosk) (with x lives x Located . (w.)

(1 4	KOBMS
101031	2021 Kurthera Page No. Deta. 3
18	NAME : KUSH VORA
ć	Pr// No: 1911064
\$ 32A)	What is an attribute? Explain different types of attribute with
	enamples
Ams.	Attributes are descriptive properties owned by each entity of an entity
	set they basically are a property
	In lentity may contain a rumber of
	There are various types of attributes. They are as follows:
	They are as follows:
C	The same of the sa
	Simple Attributes are those attributes Which can not be buither divided.
	en:
	(user lname)
	user
	ii) Composed Attributes > Composed Attributes are those attributes which consist of a various simple which consist of a various simple
	(210K) (219)
8	address country
	[user]

RUBMS Kustovera Page No. Date. NAME : KUSH VORA ROLL NO: 1911064 (iii) single valued Attributes: These attributes can take only one Value for a given entity GK: Here, gender (iv) multivalued Athibutes one value for a given entity Ex: (contact_no) As one user can have more Than one empilid (v) Derived Attributes are derived from other attributes Ex: Age can be derived from Date of Birth DOB)

Age; Here Age is

Derived

From DOB (vi) key Attributes

These Attributes can identify an entity Uniquely in an entity set user? is unique for each user

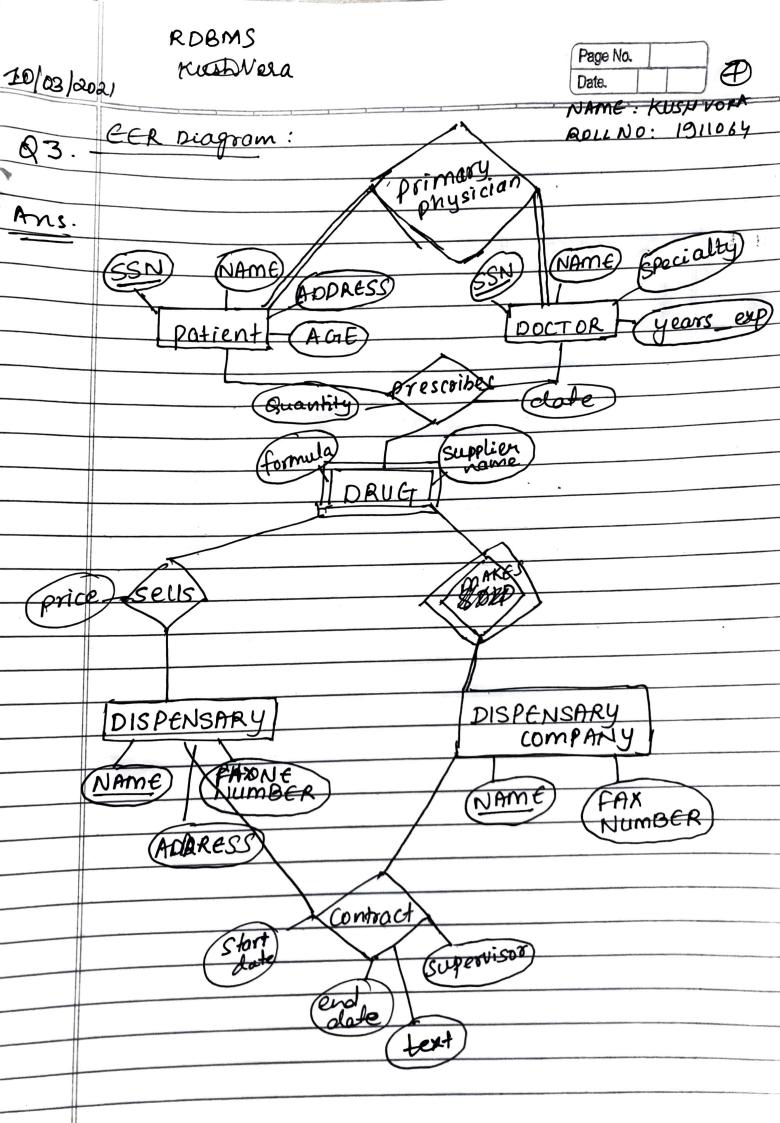
RDBMS 10/03/2021. Kustovara Page No. (5) NAME : KUSH VORA ROLL NO: 1911064 (Q2)B) what is views in SOL? Ans > View is a single table that contains nows and columns, derived from other base tables or already defined views. vieus. → Views is basically a virtual table

which doesnot physically onist; however

it is created using Sal Statements.

→ 9t is used to hide complexity of > In Sal, views are defined using the epmmand CREATE VIEW. The view is given a view name; a list of attribute names and a query to specify the contents of view' Con: CREATE VIEW Viewname AS SELECT COLUMN 1, COLUMN 2 FROM TABLENAME WHERE COLUMN NAME = SOME CONDITION. Updating of views is complicated and can lead to ambiguity because in general, mass update on a view. defined on a single table without any aggregate function. can be mapped to an update on the underlying base table

ROBMS Kullyora 1003/2021 NAME : KUSH VORA ROLL NO: 1911064 > on the other hand, for some view involving joins, an update operation may be mapped to update operations on the underlying base relation in multiple ways. As a result, DBMS can not determine which of the update is necessary. whenever, an view update on the view is mapped to more than one update on the underlying base table then certain procedure should be carried out to know which update is the most likely one.



	ROBMS
	Kashibia
10/03/21	Page No. Date: KUSH VORA
	Relational Madel: NAME: KUSH VORA
-	Patient RELL NO: 19110829
3	SSN name laddress lage
V	doctor date onumbity
	SSN name speciality years-exp
	Drug
	formula supplier_name!
	SELLS
	SELLS PRICE
	DISPENSARY
L	NAME ADDRESS PH_NO
	CONTRACT
	start and text super visor
,	DISPENSARY_COMPANY
	NAME FAX-NO