	Misaujan Megnual 19BCS078
Q1.	using emphane as a clustered indep tuber it is unique for all employee, the types stood would get organized accordingly.
	can occo a com be unique for all employees.

CS310 DBMS End Sem Nihayan Meghnal 19 BCS078

Q2. (BDDL is important by defining structure in DBMs because it is used to observable arrange and paratypes.

(Pi) DML is used to access and update data. It is not important for describing structure.

althreat transotton instead of executing transaction one after

If a user x's thousaction takes 20 seconds and user y is a wants to do a transaction cultout interliculing helpe would have to wast for 20 seconds and extra just for their chance to arrive three user x's transaction is still going on.

(9) The user must ensure that the translation transactions thould always be logical, for example a person transactions with chawing \$100 from a capable account nawing \$95 balance.

(b) The DBMS should grow guarantee atomically for transfer transaction.

DBas since In the case of multiple housactions each and

lurry thousaction should either executed fully on aborted

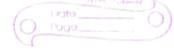
If there are any insues. This would also help in couldthey

of clatabase



Niranjen Meghwal 19BCSO78

65 & Defining key by just one instance of the relation. Throe in some other case the key origin not suffice, this can raypen when the other case has totally different treples. Hence the defining of key could just be a cook mere prediction



19 BCS078

Q7

query in telational Algebra:

f(R, catalog) f(R, catalog)

R1. prod = R2. prod ~ R1. sid! = R2. sid

R, XR2 would give a the ceross product of both

the Rs. Piel = \$2. Pi'd ~ R1. sid | R2. 8id would cleane only
the wadow pi'des having multiple suppliers

occurrences of all places having at least two different supprime

query in SQL:

SELECT pid FROM RI ON RI-BROWS R2-pid GROUP BY RI-pid;



Nihanyan Meghwal 19BCSO 78

RS Thid ((o Colors (Parts)) M (o (Catellog)) M hop(iew))

- this gives are the part to of Red color having

-> Tonam (") would gene tu name of all the suppliers satisfying the above condition.

Qa. Query!

CREATE VIEW NewEMP (eld, name, age, Salary)

AS SELECT E. efol, E. erame, E. age, E. salary

FROM EMPE

WHERE E. age >50