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END SEM EXAM DBMS

NAME - AYAAN KHAN REGNO - 19BCS013

De Using Emphame as a Clustered index is only possible when all the employee will have a unique name. If they all have unique name the tuples will be stored and organized according to emphame.

Empid as a clustered inax is possible because every employee can have a unique id assigned to them. Here the tuples mill be organised according to empid.

Using both emprance & empid as clustered index is not possible because there can be only one clustered index per table.

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2: DDL is important in SQL in DBMS
because it is used to describe
data structures and modify data

DML is used to add retrive and update data it is not important got creating database structures

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3: Toul.

The statement es true because o the database is typically shared among many users. Transactions can be interleaved to improve the execution time of wasco user queries. Because of interleaung quereis user do not have to neart gor other users transactions to complete July before their own transaction begine. huthout interleaung, tuo user will have to wait for the other to complete the transactions.

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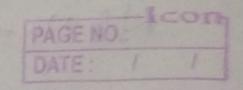
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4-a) In transaction management and database consistency there is nothing the user can be guarantee. Inere should not be any unothial methods use by user to use the services and the user should not share their transaction details with anylody. Because a fell this user responsibility cannot be assured in terms of transaction and database consistency.

actions can be executed, it is very important to control the concurrency of transactions:

Integrity constraints should also be maintained so that the database of system is consistent before and after transaction.

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5:) Yes, nee can determine the bey
Of relation with the use of instance.
Example: consider a one to many
Telation; he can use the
Column with unique values
as a primary key.

6-) a) CREATE CLUSTERED INDEX (cluster-new ON STUDENTSTABLE CSTUDENTName ASC)

QUUY: SELECT Email FROM STUDENTSTABLE

output:

Email Jaya Qxyz. Lom Jh. Qxyz. Lom Null Krishna Opyz. Com

b) output:

7	Student JD	Student Name	Email	Age
	1005	Krishna	Krishna Etgy	, 22
1	1020	John	Jh Cxyz·Lon	22
	1030	John	Nul	23

NAME- A YAAN KHAN PAGE NO. RFG NO- 19BCS013 7-) TRI. pid (ORI. pid = R2. pid ARI. sid + R2. Sid CPRI catalog XPROTO [suery in Relational algebra]. SQL SELECT C. pid FROM Catalog C WHERE EXISTS L SELECT C1. Sid FROM Catalog C1 WHERE C1. pid=C. pidAND C1 sid + Gsid); NAME - AYAAN KHAN REGNO - 19BCS013

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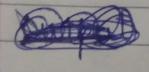
catalo	9	
SID	OLD	cost
1	1	10
1	2	15
1	3	20
2	1	5
2	3	115

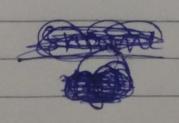
Parts	Common Com		
PID	Prame	color	
1	. 9	Red	
2	Ь	Blue	
3	e	Green	
Cupble	eri -		

SID S Name Address

1 C aaa

2 a bbb





output: sname

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9-) View query on Emp senema that could be automatically updated by updating

CREATE VIEW upemp (eid, name, age, Salary) AS SELECT E. eid, F. ename, F. age, E. Salary

FROM EMPE WHERE E. age 750;

TEDIO AD THE