## Endsein Examination Database Management System

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If every employee is, has a unique name, then emphane ges a clustered index can be used a 24 unique name is ensured, then tuples can be organised according to alphabetical emphane.

Hsing both emphame and empid as clustered index may not be possible. Only either of them can be thave clustered index:

If everyone has a unique id, then definitely using empid as a clustered index is possible.

So, automatically they can be (luples) organised according to their respective id, 8.

- altering tables) because it is used to describle logical and external schemas:
  - and update (modify) data and is not impodant for representing data.

3. True

This is done to increase transaction thoroughput, to improve the execution lime of

the users queries. Because of interleaving, one user will not have to wait for other user's transactions

to complete.

Without this interleaving each and every use will have to wail for the completion of other users transactions (who started first), which is not all prefferable.

· H. A user in banking system should ensure or guarantee that,

· Le do not use any unethical means to make use of the services.

· make sure he do not share his/her transaction details with anybordy.

· But he being law-abidmy, brukful is his own thous and has nothing to do with banking system and connot be guaranteed by bransaction and database considerey.

while, BBMS must gurantee 1913cs042 . Hat it remains consistent and provide easy multiple transactions simultaneovoly. · that the transaction should be completely executed independently with--out bugs. · incase of problems, or incomplete transactions, the process should about. · database of & different users should not

mix-up.

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Yes, it is possible to determine a key of a relation given only one instance of the relation.

For that functional dependency has to be cheeked.

Find closure of given instance, if it delermines all relation, then its a super key, if its proper subset is not a super key, then its a conditate key and because it is not NULL, it can be considered a

primary key.

## Supplies

## Parlo

Sid	Sname	address.	Pid	Prame	Colon
1	Abhi	Delhi	1	Redos	Red
2	Ravie	Bihas	2	And 03	led
3	Aman	Goa	3	Grunog Bluegs	green
			5	Redst	~ A

Relation algebra (Gnery).

> Query in SQL.

Select Pid from Catalog as Ti, Catalog as Ti, Where Ti. Pid - Ti. Pid

MND Ti. Sid (2) < > Ti. Sid.

B. This is an invalid query,
because this relational algebra
slatement/query returns nothing because
of sequence of projection operators.
If, once sid is projected,
projecting any other on the same will
not return anything, as, sid projected is
the only field in the set.

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9.

CREATE VIEW Update-Emp (eid, name, age, salary)

AS SELECT E. eid, E. name, E. age, E. salay

FROM Emp E

WHERE E.age > 35