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|      | j. (1.) | DBMS : | Fid | Sem  | 5 /: |
|------|---------|--------|-----|------|------|
| Jame | 0       | Akshat | Mus | hera |      |

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1. Yes, Using emphane as a clustered index & possible only when every employee well have a curique name. If thes is ensured, the types well be organized according to emphane

· Using empid as a clustered index es definitely possible considering everyone abready has a unique id assigned to them. The tuples well be organized according to empid

· Using both emphane and empid as clustered indexes, may cannot be possible but it is possible bet index and one how clustered index and one how clustered index

2. DDL le simpoortant in energeresenting intermation in DBMS because it is used to describe external and logical scheme

prul is used to access and update data; et is not important for prepresenting data.

Alishat Mighera 18BC5009 True, indeed. DBMS interleave the actions of defferent torqueactions Transactions from these users can be improve the execut time of user's generies. By interleaving queries, users do not have to wait four other user's transactions to complete fully before these own to ... transaction

interleaving, et a user begins teransaction that well take and another user want to begin a toransaction, then another used have to wait for additional t seconds for the first wear's transaction to complete.

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Akstat Mishera 13BCS009 a) A user must granandee with respect to a townsaction and data base consistency that his an her transaction consupt data on insent won absurd in the database For instance, in a banking database, a user must guarantee that a controlled withdraw transaction accurately models the amount a person oremoves from hes on her account. A database application would be wonthless of a penson oremoud \$ 1000 from an ATM but the transaction set their balance to 2000. A DBMS must guarantee that transactions.

are executed July and independently

of other transactions. An essential property of a DBMS Resthat-a toransaction should execute atomically oursing. Also, transactions well cithen complète fully on well be aborted and the database networked to its initial state. Thes ensures that the database oremains consistent

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|   | Etchat Method 19BC1009   |
|   | Yes, of course we can determine the Key of relation with the help of instance as, It in one to many relation we can consider the column attribute with unique values as a primary key. |
| 5 | create clustered index studenthame index<br>on student (student Name asc)  |
| / | Do well create index on strolect name where strolect is table name.  |
|   | Select Emall from scholent   |
|   | Jaya @ kyz.com  Jh@ xyz.com  Kreshna@pgr.com   |
|   | S. Age 5=21 & added then, Studentib   student Name   Enail   Age   1005   Kishna   Kishna@pyl.om 22  |

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