Name: BokkASRIKAR.

REGNO: 19BCSOR4

(1.) using emp name as a clustered index.

80/1 set is possible only when every employee name. If this will be organise, is ensured, the tuples will be organise, according emp name alphabetically.

using empid as a clustered index is definitely passible considering everyone already has a unique id assigned already has a unique id assigned to them the tuples will be organized according to empid organized according to empid as a using both emphame fempid as a using both emphame fempid as a clustered indexes may not be possible two have one but it index and a man one clustered index and a man one

(2) the data defition language (DDL) is important in representing information in DBMS because it is used to describe external and Jogical Schema The data manipulation language (DML) is used to access and update data, it is not important for representing the data. House Labor Water to the line Ivaliate logalities and parties THE COUNTY OF THE PARTY OF THE (11)

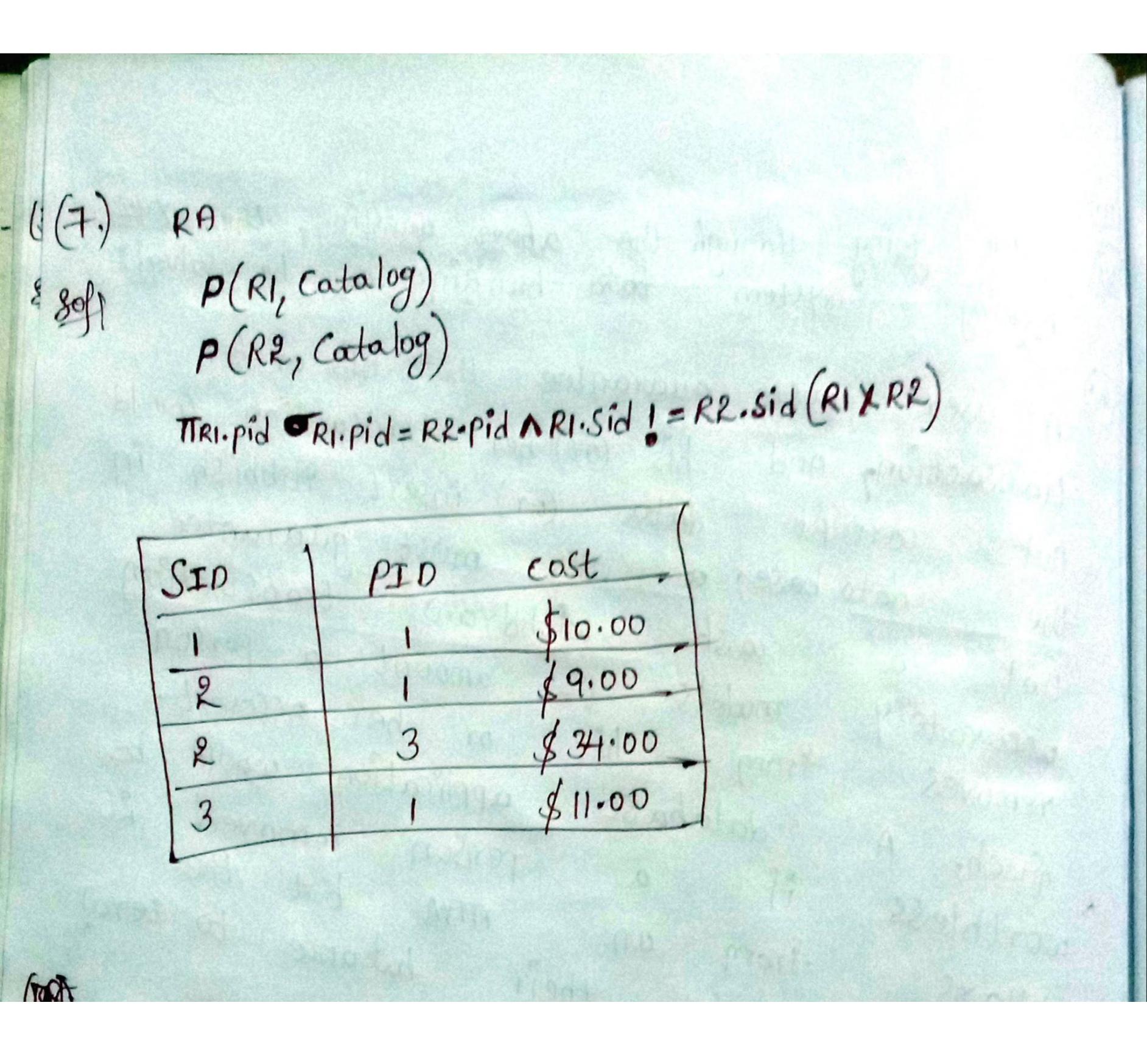
Scanned by TapScanner

TYUE. Transaction: A transaction can be desined as a group of tasks. A single task is the mirimum unit which cannot be divided further A DBMS is a typically shared among users. And, the transactions from these users interleaved to improve the execution users' queries. By interleaving quiers, can users do not have to wait for other time tranfaction begins without interleaving, The user A begins a transaction that users 10 sec to complete and user wants to begin a transcation, user take will would have wait an additional losec user A's transcation to complete. he-fore the database would begin oseris B request. processing so, due to above reason, I wil with true. 90

(4)
801 By going through the above question, the XYZ
Baking can be solved:

(a) A user must guarantee that his or her transaction and his (or) her transaction could transaction and his (or) her transaction could not corrupt data (or) insert rubbish in not corrupt data (or) insert rubbish in the data base; a user must guarantee that a cash withdraw transaction that a cash withdraw transaction accurately models the amount a person account. The removes from his or her account. The database application would be worthless if a person removed to worthless from an person removed to dollars from an person but the dollars from an hom but the transaction set their balance to terms.

(b) A poota base management system must and should gurantee that the transactions are executed fully and indepensions of other transactions. An essential transaction of a DBMS is that a property of a DBMS is the only transaction or as if is the only transaction or as if is the only transaction will either running. Also, transactions will either running. Also, transactions will be aborted formplete fully, or will be aborted atabase remains and database remains state. Spy the database remains



RIXRR gives:	
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	9.00 2 34.00
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9	9.00
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-2 3	34.00
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Ž V	34.00
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00.0	11.00 K 11.00
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3	

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001	11.00	1	1	10.00		
5	11.00	12	1	9.00		
3	11.00				1	
(projecting	on PID	gives	us a	si ngle		
part number-1)						
(eleminating the duplicates)						
	0					

1 soll Tisname (Tisid ((occolor = Ored O(Parts))*
(ocost < 100 (costalog)) * suppliers)) Invalid query: Explanation: This relational algebra statement does not return anything because of the sequence of projection operators. once the sid is projected, it is the only field in the set. Therefore, projecting on some will return anything. not

(9) the query on EMP schema, that could sell be automatically updated by updating the is senior Emp (eid, ename, age, salary) create view senior Emp (eid, ename, age, salary) as select E.eid, E.ename, E.age, E.salary From Emp E where E.age >50

(5) yes, we can determine the key of sell relation with the help of instance. relation we to many relation we can consider the column lattribute can consider the column lattribute with unique values as a primary with unique