

CS210 DBMS  
Mid Term Examination

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19BCS058

- 1) If a table is constructed with a name 'ZooEmpTable' having columns 'ZPerName' and 'ZPerId' with records as followed in the illustration below:

ZooEmp Table

ZPerId	ZPerName
1	Mahesh
2	Ramesh
3	Suresh
4	Abhinav
5	Karthik

Then according to the query

Select ZPerName from ZooEmpTable order by  
3 asc;

as there isn't any information about a third column in the table, this query would give an 'ERROR'.

2) Consider a table.

EmpTable

EmpId	Emp Name	EmpSalary	Ins Policy
1	Prathmesh	30,000	Policy 1
2	Laya	40,000	Policy 3
3	Sucharitha	35,000	Policy 5
4	Anisha	30,000	Policy 1
5	Raghav	30,000	Policy 1

Query:

Select \* from EmpTable where

select W.EmpName from EmpTable

select [W<sub>1</sub>].[EmpName] From EmpTable W<sub>1</sub>,

EmpTable W<sub>2</sub> where [W<sub>1</sub>].[InsPolicy

[W<sub>1</sub>].[Ins Policy] = [W<sub>2</sub>].[Ins Policy];

3) Sales Table

Saler_Id	Saler_Name	Sales_Volume
1	Ram	10,000
2	Suresh	20,000
3	Prakash	40,000
4	Raj	30,000
5	Sai	60,000

SELECT Saler\_Id, Sales\_Volume from  
Sales Table S<sub>1</sub>

where m-1 =

( select count ([DISTINCT] Sales\_Volume)  
from Sales Table S<sub>2</sub>

where

S<sub>2</sub>. sales-volume > S<sub>1</sub>. sales-volume

)

4) False. DBMS drops objects like constraints  
indexes, columns, defaults but it cannot  
drop views and stored procedures.

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Reason: As the views and sorted procedures when not updated can cause the dependent objects to fail.

5)

Select \* from Std-details where  
 $\text{std-ID} \% 2 = 1$  ~~corrr~~

In the question given, we were asked to fetch alternate records from an assumed table. Either if the value of  $\text{std-ID} \% 2$  is '1' (or) '0' it would fetch alternate records. '1' value fetches all odd records while the value '0' fetches all even records. As the  $\text{std-ID}$  would be different when compared with each other records, all the records from the table would be covered as per the constraint.



6)

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```
Select [TOP] 0 * INTO EmptyTable  
from UniversityTable
```

The above query selects the 0<sup>th</sup> index of from the table, implying none record, which would further to be ~~inserted~~ inserted into newly created table named EmptyTable.

Thus, nothing would be selected.

7) Delete SUB From

```
(  
    Select Row-no() [over]
```

```
(  
    [PARTITION BY] Emp-projectID,
```

```
    Emp-Name, Emp-SSN
```

```
    [Order by] Emp-ID) ent
```

```
FROM Emp-Table) SUB
```

```
Where sub.ent > 1 )
```

```
)
```

8)  
a)

Complete

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Scholar	Tutorial
Sarita	TOC
Gita	OS
Priya	SE
Suresh	DBMS
Sarita	DBMS

Required

Tutorial
DBMS
TOC
SE
OS

Query 1:

All Scholars

Scholar
• Sarita
Gita
Priya
Suresh
Sarita

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Query 2:

Scholar And Required	
Scholar	Tutorial
Sarita	DBMS
Suresh	TOC
Priya	SE
Gita	OS

Query 3:

Scholar And Required Not Complete

Scholar	Tutorial
<del>Sarita</del> Suresh	TOC
Gita	OS

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Query 4:

Cannot Graduate

Scholar
<del>Sanita</del> Suresh
Gita

Query 5:

Can Graduate
<del>Suresh</del> Sanita
Priya