Mid Sem Examination

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(1) Let the Table be like

Zoo Emp Table

ZPerID	ZPerName
1	Rohan
2	Anand
3	Dinesh
4	Bahadur

The statement/query given is

Select ZPerName from ZooEmp Table order by 3 asc;

Output = "Error"

Reason → There doesn't exist a 3rd column in the table, therefore Error displays as "Out of Range".

(2) Emp

E_id	E_name	policy_Id
1	Arun	I_1
2	Varun	I_2
3	Nitin	I_1
4	Dinesh	I_1

T_1

create another copy of Table →

E_id	E_name	policy_Id
1	Arun	I_1
2	Varun	I_2
3	Nitin	I_1
4	Dinesh	I_1

T_2

Query → Select _ from emp as T_1,
emp as T_2 where ~~T_1.E_name = T_2.E_name~~
T_1.policy_Id = T_2.policy_Id
and T_1.Eid <> T_2.Eid

(3) Emp

E_id	E_name	Salary
1	Ram	10000
2	Amrit	20000
3	Ravi	30000
4	Varun	40000

Query →
```
Select * from
    ( Select * from Emp
      order by Salary asc
      LIMIT M ) AS Emp
order by salary DESC
LIMIT 1;
```

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(4) Yes, SQL server drops all related objects, which exists inside a table like constraints, indexes, columns, ~~defaul~~ defaults etc. But dropping a table will not drop views and sorted procedures as they exist outside the table.

(5) To fetch even numbered colums; we find only those IDs which are divisible by 2.

→
```
Select * from Std_Info_Details
WHERE Std_ID % 2 = 0;
```

- To fetch odd numbered columns, we find only those IDs which are not divisible by 2.

→
```
Select * From Std_Info_Details
WHERE Std_ID % 2 = 1;
```

(6)
```
Select Top 0 * Into Emp.Empty_Table
from University Table
```

→ The above query copies Top 0 from the university table into Empty_Table as we are copying Top 0 the table remains empty.

(7) Delete ~~SUB~~ SUB from
(Select ROW_NUMBER Over
(Partition By Emp_Id, Emp Name,
ORDER By Emp Id) count
FROM Employee Table) SUB
WHERE SUB. count > 1

(8)

(a) Complete

Scholar	Tutorial
Anmol	DBMS
Dinesh	TOC
Riya	TOC
Mahesh	OS
Rajesh	SE

Required Tutorial

Tutorial
DBMS
TOC
OS
SE

Query 1 :-

All scholars Table

Scholar
Anmol
Dinesh
Riya
Mahesh
Rajesh

Query 2 :-

Scholar and Required Table

Scholar	Tutorial
Anmol	DBMS
Dinesh	TOC
Riya	OS
Mahesh	SE

Query 3 :-

Scholars and Required Not Complete

Scholar	Tutorial
Riya	OS
Mahesh	SE

Query 4 :-

Cannot Graduate

Scholar
Riya
Mahesh

Query 5 :-

Can Graduate

Scholar
Rajesh
Mahesh

(b) Query 1:

SELECT Scholar INTO Allscholars
FROM COMPLETE

Query 2:

Query 3:

CREATE TEMP TABLE Scholars AND required Not Complete AS ~~SELE~~ SELECT * FROM Scholars AND Required WHERE EXISTS (SELECT * FROM COMPLETE WHERE Scholars AND Required. Scholar <> Complete. Scholar AND Scholars And Required. Tutorial <> Complete. tutorial)

Query 4:

SELECT Scholar INTO Cannot graduate ~~FROM~~ FROM Scholars and Required Not Complete.

Query 5:-

CREATE TEMP TABLE can graduates SELECT * FROM ANScholars where EXISTS (SELECT * FROM Cannot graduate where Cannot graduate. scholars <> All scholars. scholars).