DBMS - MID SEM EXAM (CS 210)

IV - Semester

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19BCS052.

Q1)

ZperID	ZPerName
5101	Raj
5102	Ajay
5103	Priyam
5104	Mahesh
5105	Sushanth

Output:- "ERROR"
As there is no 3rd column in the Zoo emp Table,
∴ error

Query:- Select ZPerName from ZooEmpTable order by 3asc;

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Q2)

Employees table

EmpID	EmpName	Job-Type	Insurance Policy
1	Raj	Dev.	Policy 1
2	Priyam	Dev.	Policy 2
3	Prachet	Server Main.	Policy 2
4	Ashwin	Server Main.	Policy 1

=) Query to fetch names of employees who ~~fetch~~ have same Insurance policy.

```
SELECT EmpName FROM EMPLOYEES
WHERE Insurance Policy IN ("Policy 1")
```

Output:

EmpName
Raj
Ashwin.

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Q3) emp_table

ID	Name	Sales_Volume
1	Priyam	57456
2	Raj	56303
3	Sushanth	78565
4	Prachet	89314
5	Ashwin	54921

⇒ m^{th} highest sales_volume

```
SELECT * FROM
    FROM (
        SELECT ID, Name, Sales_Volume, dense_rank()
        OVER (order by Sales_Volume desc) r from
                                        emp_Table)
        where r = &m;
```

To find 3rd highest Sales_Volume set $\boxed{m = 2}$

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Q4)

A) True. Using DROP Table, DBMS drops all the objects like constraints, indexes, columns etc. It drops the existing table. DROPing a table will not drop the views & stored procedures because they exist/stay outside the table.

Q5)

A) As it is alternate records, let's assume this

0 ✗ 2 ✗ 4 , ...

Alternate records

So let's assume even number of records.

Query :-

```
SELECT * FROM  Std_Info_Details
WHERE  Std_Info_Details %2 = 0;  [Fetch 2, 4, 6, ... ]
```

For odd records

replace Std_Info_Details %2 = 0 by

Std_Info_Details %2 = 1

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Q6)

=) University Table.

College - ID	College_name
1010	IIIT Hyd
1016	IIIT Bangalore
1101	IIIT Allahabad
1018	IIIT Nagpur

SELECT Top 0 * INTO EMP_Table from University Table.