

MID-Term Examination

Name : AAKANSH AGARWAL

Reg.No : 19BCS001

Subject : DBMS (code - CS210)

Q:1

Ans

ZooEmpTable

| ZPerID | ZPerName |
|--------|----------|
| 1 | Rohit |
| 2 | Sakshi |
| 3 | Kiran |
| 4 | Anil |

Query : Select ZPerName from ZooEmpTable
order by 3 asc;

Result :

| ZPerName |
|----------|
| Anil |
| Kiran |
| Rohit |

Q:2

Ans

Select from Employees Table where

Select EName from Employees Table

Select EName from Employees Table e_1 ,

Employees Table e_2

where $e_1 \cdot \text{Policy} = e_2 \cdot \text{Policy}$

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Q:3

Ans

| Company Name | Sales Volume |
|--------------|--------------|
| ABC | 1,00,000 |
| XYZ | 73,000 |
| PQR | 2,50,000 |

Query:

Select * from (

select CompanyName, SalesVolume, dense_rank()
over (order by SalesVolume desc) r from CompanyName)

where r = &m

To find the 2nd highest sales volume set m=2

| <u>Output</u> | CompanyName | SalesVolume | R |
|---------------|-------------|-------------|---|
| | ABC | 1,00,000 | 2 |

Q:4

Ans

The above statement "If we use SQL syntax DROP TABLE, DBMS drops objects like constraints, indexes, columns, default, views and stored procedures." is ~~True~~ ^{False because} dropping a table will not lead to a ~~drop~~ ⁱⁿ drop of views and stored ~~procedures~~ procedures as they both exist outside the table.

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Q:5

~~For even numbered columns:~~

Std-Info-Details

| Std-Id | Std-Department | Std-Course-Credit | Std-Course- name |
|--------|----------------|-------------------|--------------------------------|
| 1 | CSE | 4 | C |
| 2 | CSE | 5 | Data Structure |
| 3 | CSE | 4 | Ethics |
| 4 | ECE | 4 | Theory of Computation |
| 5 | ECE | 4 | Environmental Studies |
| 6 | CSE | 4 | Physics |

Query:

Select * from Std-Info-Details

where Std-Id % 2 = 0;

Reason: Since, Std-Id is of ~~integer~~ int datatype

⇒ Std-Id modulus 2 = 0 then

it will fetch the values of Std-Id is even like 2, 4, 6 rows.

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Q#6

Ans

~~Select~~ ~~Query~~

Select Top 0* Into Empty-Table from University Table

~~Ans~~

~~Ans~~

~~DELETE SUB~~