Parul University

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PIET_Oracle DBMS_Course

PIET_Oracle DBMS_Session 4_COD

Attempt : 1
Total Mark : 50
Marks Obtained : 50

Section 1 : COD

1.   Problem Statement:

Olivia is developing a banking system where she needs to track customer deposits and employee information. To get a better understanding of the system, she needs to view the structure of the tables related to deposits and employees.

Table Details:

Sample Input Records:

You need to:

Give the names of depositors having an amount greater than 4000.List the employees having a salary less than 22000.Describe the structure of the

DEPOSITORS table to understand its column details and constraints.Describe the structure of the EMPLOYEES table to verify the column information and constraints.

Answer

oracle.sql

SELECT NAME FROM DEPOSITORS WHERE AMOUNT > 4000;

SELECT NAME FROM EMPLOYEES WHERE SALARY < 22000;

DESC DEPOSITORS;

DESC EMPLOYEES;

Status : Correct   *Marks : 10/10*

2. Problem Statement:

Raam is managing a maritime database for a shipping company, where he tracks the details of sailors and boats. He needs to describe the structure of the tables related to sailors and boats to understand the column details and constraints. Additionally, he needs to retrieve certain records to verify the data inserted.

Table Details:

  Symbol refers to the primary key

  Symbol refers to the Foreign key

NN refers to Not NULL

Sample Input Records:

You need to:

Describe the structure of the SAILORS table to understand its column details and constraints.Describe the structure of the BOATS table to verify the column information and constraints.List all sailors who are older than 25.List all boats that were traveling on 10-Oct-98.

Answer

oracle.sql

DESC SAILORS;

DESC BOATS;

SELECT NAME FROM SAILORS WHERE AGE > 25;

SELECT NAME FROM BOATS WHERE TRAVEL_DATE = TO_DATE('10-OCT-98','DD-MON-YY');

Status : Correct   *Marks : 10/10*

3.   Problem Statement:

Samantha is managing an e-commerce database, where she tracks the details of clients and products. She needs to describe the structure of the tables related to clients and products to understand the column details and constraints. Additionally, she needs to retrieve certain records to verify the data inserted.

Table Details:

Sample Input Records:

You need to:

Describe the structure of the CLIENTS table to understand its column details and constraints.Describe the structure of the PRODUCTS table to verify the column information and constraints.List the names of clients whose city is Mumbai.List the details of products with a selling price less than 500.

Answer

```
DESC CLIENTS;

DESC PRODUCTS;

SELECT NAME FROM CLIENTS WHERE CITY = 'MUMBAI';

SELECT*FROM PRODUCTS WHERE SELLING_PRICE < 500;
```

Status : Correct   *Marks : 10/10*

4.   Problem Statement:

Rajesh is managing an e-commerce system where he needs to track order details and product information. He needs to describe the structure of the tables related to orders and products to understand the column details and constraints. Additionally, he needs to retrieve certain records to verify the data inserted.

Table Details:

Sample Input Records:

You need to:

Describe the structure of the ORDERS table to understand its columns and data types.Describe the structure of the PRODUCTS table to verify its columns and data types.List the NAME and COST_PRICE of products from the PRODUCTS table where the cost price is greater than 250.List the PRODUCT_ID and QUANTITY from the ORDERS table where the quantity ordered is less than 120.Display all orders placed during the month of June 1998 based on the ORDER_DATE column.

Answer

```
DESC ORDERS;

DESC PRODUCTS;
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SELECT NAME,COST_PRICE FROM PRODUCTS WHERE COST_PRICE > 250;

SELECT PRODUCT_ID,QUANTITY FROM ORDERS WHERE QUANTITY < 120;

SELECT*FROM ORDERS WHERE ORDER_DATE >= TO_DATE
('01-JUN-98','DD-MON-YY')
AND ORDER_DATE < TO_DATE
('01-JUL-98','DD-MON-YY');

Status : Correct   *Marks : 10/10*

5. Problem Statement:

Raam is managing a banking system where he needs to track deposits and account information. He needs to describe the structure of the tables related to deposits and accounts to understand the column details and constraints. Additionally, he needs to retrieve certain records to verify the data inserted.

Table Details:

Sample Input Records:

You need to:

Describe the structure of the DEPOSITS table to understand its column details and constraints.Describe the structure of the ACCOUNTS table to verify the column information and constraints.Display the account details for clients having an amount greater than 2200.List all the clients whose city is Nagpur.

Answer

oracle.sql

DESC DEPOSITS;

DESC ACCOUNTS;

SELECT*FROM ACCOUNTS WHERE BALANCE > 2200;

SELECT CLIENT_NAME FROM ACCOUNTS WHERE CITY = 'NAGPUR';

Status : Correct   *Marks : 10/10*