

①

Haider Tabal ID:14495 Date:30/06/20

Q3 if you have the following table

StudentID	Student-name	Age	CGPA
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1) Write 2 SQL DML
---- table

We will give the name to table
Student table

Insert keyword is always followed by INTO keyword this INSERT standard start with Insert-INTO followed by the table name Student) in which you insert the row and then we have our list of columns endless in pererthesis There after we have our key word values followed by values of columns which you want to be insert enclosed in pererthesis.

DESC student

Query 1- - Insert DATA
of student table

(2)

INSERT INTO Student (StudentID, Student-
Name, Age, GPA)

VALUES (14495, Haider Iqbal, 21, 2.5)

INSERT, ^{value} (14496, Ali Khan, 21, 3.3)

Insert Data into selected columns.

INSERT INTO Student (ID, name, age, GPA)
value (14496, Talha, 22, 3.1)

b. Write SQL DML greater 3

Student // Table

Student ID	Name	Age	GPA
14495	Haider	21	2.5
14496	Ali	21	3.1
14497	Talha	22	3.3

Sel: DELETE Form table
[WHERE conditions]

DELETE Form Student

where GPA = 3.3

(3)

Q1 Write SQL statement

1) Create a Database by the name Gallery.

The query we use:

```
{  
Create database Gallery.  
}
```

2) Write restriction

create table Movies

```
{  
  Id int not null primary key  
  Movie Name varchar(25) not null,  
  Genre varchar(25),  
  Year int,  
  rating int  
}
```

(1)

Q1 Perform table.

student ID } Name } Address }

Ans The above table is already in the 2nd normalization.

Now we divided this table into 2 part to convert into 3rd Normalization

Part 1

Std ID	Name	Addr	Grade
01	Fawad	Karachi	SE-1
2	Waleed	Lahore	SE-05
3	Saira	Peshawar	SE-03
4	Aiman	Karachi	SE-04
5	Dahiyal	Lahore	SE-01

Part 2

Course ID	Course Name
A1	A
SD	B
DIP	C
DB	A
SRE	B

5

These now is fulfill the
convert into 3rd normalization
form.

Q4 write SQL marks

1)	01	06	350Rs	1
	02	01	80Rs	2
	02	03	30Rs	2
	02	05	5Rs	2

Solution:

Select Product name, product ID from
canteen ~~table~~ table
where product price < 50Rs

Ordered by product ID, Product name;

2) ID	Pro Name	Category	Mfg Date	Best Before	Rs
05	jelly	Junk	3Jan18	5Jan	5Rs
03	chips	Junk	-	201	30Rs
04	juice	Junk	-	-	30Rs
01	chelse	Junk	-	-	40Rs
02	Pepsi	Junk	-	-	50Rs
06	Milk	Not Junk	-	-	30Rs

⑥
4) The INNER JOIN keyword selects that here matching value in the both table.

INNER JOIN for select columns

select canteen table, Product Name
canteen table, Category canteen table
Mfg Date canteen table, Expr Date

from canteen table.

INNER JOIN order Details
ON canteen table Product ID =
order Detail Product ID

SQL INNER for all columns
To get all the columns.
from canteen table and order-
details for joining with the
following condition.

Product ID of canteen &
Product ID of table must be
same

(7)

The following SQL statement
can be used

```
SQL code: Select  
           From canteen table  
           Join  Order Details  
           ON   canteen table product  
                order detail, ProductID
```