

ID : 14943

NAME : AQIB ALI

CLASS : BS (SE)

PAPER : Data Base

Question No # 1

Answer: -

First Normal form: -

Student ID	Std Name	Std Address	Course ID	Course Name
01	Fawad	Karachi	SE-01	AL
01	Fawad	Karachi	SE-05	SQE
02	Waleed	Lahore	SE-02	DIP
03	Saira	Peshawar	SE-03	DB
03	Saira	Peshawar	SE-04	SRE
04	Aiman	Karachi	SE-03	DB
05	Danijal	Lahore	SE-01	AL
06	Emqan	Peshawar	SE-01	AL

2nd Form Of Normalization

Student ID	Std Name	Std Ad	Course ID	Course Name	Grade
01	Jawad	Karachi	SE-01	AI	A
01	Jawad	Karachi	SE-05	SQE	B
02	Wateed	Lahore	SE-02	DIP	C
03	Saira	Peshawar	SE-03	DB	A
04	Aiman	Karachi	SE-04	SRE	B
05	Danijal	Lahore	SE-03	DB	C
06	Eman	Peshawar	SE-01	AI	A
03	Saira	Peshawar	SE-01	AI	B

Student ID	Course ID	Grade
01	SE-01	A
01	SE-05	B
02	SE-02	C
03	SE-03	A
03	SE-04	B
04	SE-03	C
05	SE-01	A
06	SE-01	B

(03)

14943

Question No # 2

Write SQL queries for the following DDL Statement?

Part # 01

Create a database by the name Gallery?

Answer :-

Create data base Gallery

Std ID	Std name	Age	Grade	%age
14840	Faizullah	19	A	87%

(54)

14943

Part

Q2

Write SQL DML Query to delete all student record whose (CGPA) is greater 3?

Answer:-

Delete all records whose CGPA greater 3.

Consider the table

StudentID	Studentname	Age	CGPA
14420	Faizullah	18	3.2
15680	Asad	19	3
1901	Khan	20	2.3

In this table we required to delete data which CGPA greater than 3.

55

14943

Delete from friend whose
CGPA > 3

Delete Successfully

Student ID	Student Name	Age	CGPA
14420	Faizullah	18	3.2
15680	Fahad	19	3
1901	Khan	20	2.3

Question # 03

If you have the following table:

Student ID	Student name	Age	CGPA

Part # 01

Write 2 SQL DML queries to insert your data and your friend's data in this table.

ANSWER:-

Insert data in the table which you want to insert.

⇒ Comma separated list of columns in the table surrounded by parenthesis.

⇒ then gives value

⇒ Insert Value to table

Insert into friends

(ID, Name, age, (GPA))

Value (1, Faizullah, 18, 3.23)

value (2, Fahad, 19, 3.3)

⇒ Now the table is After

Inserting the value

Student ID	Student name	Age	(GPA)
1	Faizullah	18	3.23
2	Fahad	19	3.3

8

14943

Part # 02

Write a query to create a table by the name of movie, which should have the following columns and restriction?

Answer:- Create table

(ID int Prikey,

movies name varchar (26),
genre int;

Rating)

Create table

9

14943

Create table

ID integer	Not Null
Movie name	Not Null
Genre VARCHAR (255)	Not Null
Year	2020
Rating	4

Question No # 4

ANSWER:-

=> ~~Connecte~~

=> Canteen table:-

Select Product
from Canteen
table.
where Product price is < 50 R.
Ordered by product name
and ID

=> Ordered Detail:-

Select Product ID
Unit Price from Ordered
detail.

where Unit Price =
Select Min (Unit Price)
from Ordered detail.

2.

Product ID	Product Name	Category	Mfg Date	Exp date	Price
05	whills mill Jelly	Junk	2 Aug 2019	2 Aug 2020	5 Rs
03	KurKure	Junk	2 Jan 2019	2 Jan 2020	30 Rs
04	shezan juice	Junk	2 Apr 2019	2 Apr 2020	30 Rs
01	Dairy milk chocolate	Junk	3 Aug 2020	2 Aug 2020	80 Rs
02	Lipton tea bags	Not Junk	4 May 2020	3 Jan 2021	160 Rs
06	olpher milk	Not Junk	5 Sep 2020	3 Apr 2020	35 Rs