

Name :

Awaiz Ghaffar

ID :

15269

Semester:

4th Cs

Teacher:

Mam Rimsha Khan

Paper :

Data base.

(1)

(QNO: 1)

First normal form:

Student-Id	Studentname	S. address	CourseID	Course name	Grade
01	Fawad	Krachi	SE-01	AI	A
01	Fawad	Krachi	SE-05	SQE	B
02	Waleed	Lahore	SE-02	DIP	C
03	Saira	Peshawar	SE-03	DB	A
03	Saira	Peshawar	SE-04	SRE	B
04	Aiman	Krachi	SE-03	DB	C
05	Danyial	Lahore	SE-01	AI	A
06	Emaan	Peshawar	SE-01	AI	B

2nd form of Normalization.

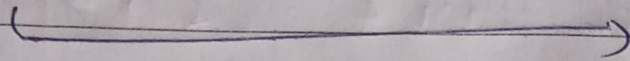
St. id	St. Name	St. address	Courseid	Course name	Grade
01	fawad	Krachi	SE-01	AI	A
01	Fawad	Krachi	SE-05	SQE	B
02	waleed	Lahore	SE-02	Dip	C
03	Saira	Krachi Peshawar	SE-03	DB	A
04	aiman	Krachi Peshawar	SE-04	SRE	B
05	Danyial	Lahore	SE-03	DB	C
06	Emaan	Peshawar	SE-01	AI	A
03	Saira	Peshawar	SE-01	AI	B

(3)

Q: NO: 2.

(a)

Create data base Gallery



Q: NO: 2.

(b)

Create table Movies

(

ID - NO: int not null

Name varchar (50) not null

Genre varchar (50)

year integer max = 2020

rating integer max = 5

)

message : Command (S)

Completed successfully.

select * from Movies

Result

ID: Movie - Name Genre year Rating

(4)

Q: NO: 3.

(a)

1) - Create table student record

(
ID int not null Primary key,
name varchar(20)
age int;
CGPA float

insert into student record:

values (4, Anais, 19, 2.6)

~~Delete from student record~~

~~Select from~~

Q: NO: 3.

part. b.

Delete from student record

where CGPA \geq 3

select * from student record.

(5)

(QNO: 4)

(i) select product-name, Product-id
from canteen-table
where unit price < 50.

(ii)

select product-name, category,
Product-Id from canteen-table
where Product-Id IN (01, 03, 02).
ORDER BY (Product-Id, Product name)

* select canteen-table.product-id
AS id
canteen-table, Product-name AS
name from canteen-table
where product-id = 'home furnishings'.

(6)

Q: NO: 4
(iii)

Category	COUNT (category)
Junk	4
Not Junk	2

(Q: NO: 4. iv)

Query

select order_detail - id, canteen, table
product - Name, order, Detail - unit price
order - Detail - Quantity - from order -
Detail INNER JOIN canteen - Table on
order - Detail - ID = canteen,
- table product - ID.

Order - ID	Product name	unit price	Quantity
01	Lipton tea bags	160 Rs	1
01	Olper milk	350 Rs	1
02	Dairy milk	80 Rs	2
02	Kurkure	30 Rs	2
02	chilli milli	5 Rs	2