

①

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Sud = Database Systems  
Dept = BS(CS) 4th semester  
Submitted To Rimsha Mam

Q NO 18  
Answers

First Normal Form

student ID	student Name	student address	course ID	Course Name	Grade
01	Fawad	Karachi	SE-02	AI	A
01	Fawad	Karachi	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	Karachi	SE-03	PB	C
05	Danish	Lahore	SE-01	AI	A
06	asad	Karachi	SE-01	AI	B

2)

2nd Normal Form

Student - Details Tables

student ID	student Name	student Address
01	Fawad	Karachi
01	Waqeem	Karachi
02	Saima	Peshawar
03	Iqsa	Lahore
03	Saira	Karachi
04	Paniyal	Lahore
05	Sehrish	Karachi
06	Sabagul	Peshawar

Course Detail Tables

Course ID	Course name	Grade
SE-01	AI	A
SE-05	SQE	B
SE-02	DIP	C
SE-03	DB	A
SE-04	SRE	B
SE-03	DB	C
SE-02	AI	A
SE-04	AI	B

(3)

3rd Normal Form

Student Tables

student ID	student Name	student Address	Course ID
01	Fawad	Peshawar	SE-01
01	Aseel	Lahore	SE-05
02	Sanaad	Peshawar	SE-02
03	Sehrish	Lahore	SE-03
03	Huma	Peshawar	SE-04
04	Ambareen	Karachi	SE-03
05	Usman	Peshawar	SE-04
06	Dawood	Lahore	SE-01

Course ID	Course Name	Grade
SE-01	AI	A
SE-05	SQE	B
SE-02	DIP	C
SE-03	DB	A
SE-04	SPE	B
SE-03	DB	C
SE-01	AI	A
SE-01	AI	B

(4)

Q28

Ans 1 Create data base gallery.

Ans 2

Create Table movies

(

ID, No int not null,

Name varchar (30) not null,

Creator varchar (30) not null,

Year int not null,

Rating int not null

)

Q38

Ans 4

Create Table country Record

(

ID int not null primary key

name varchar (20)

age int

Cgpa float

)

(5)

insert into country record values  
(4, 'ALI', 19, 2.6)

Delete from country record  
where (GPA) = 3  
Select \* from country record.

Q No 4 :-

Ans:- (4)

Select product - Name, product - ID  
from canteen - Table where  
unit price < 50 Rs.

Answer (2) :-

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'

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13) Q(4)  
Ans:-

Category	Count (category)
Junk	4
Not Junk	2

Ans Q(4)

Select canteen - Table, product - ID,  
product - Name, Order - ID From canteen -  
Table, left canteen outer join ORDER - T  
ON canteen - Table product - ID - order  
- Details. product - ID

Product - ID	Product Name	Unit price	Order ID
01	Dairy milk	80Rs	02
02	chocolate Lipton Tea	160Rs	01
03	kurkure	30Rs	02
04	Shesari Juice	30Rs	
05	Child milk Tasty	5Rs	02
06	00 per milk	350Rs	01