

(1)

Karimullah ID# 15076 Mam Rimsha

NAME " Karimullah  
ID " 15076  
Subject " D B M S  
Dept " BS (CS) 4th  
Assignment " Final term  
Date " 30-06-2020

(1)

3 First Normal Form

Student id	Student Name	Student Address	Course Id	Course Name	Grade
01	Usman	Karachi	SE-01	AI	A
01	Usman	Karachi	SE-05	SQE	B
02	Waheed	Lahore	SE-02	DIP	C
03	Saita	Peshawar	SE-03	DB	A
03	Saita	Peshawar	SE-04	SRE	B
04	Hassan	Karachi	SE-03	DB	C
05	Aiman	Lahore	SE-04	AI	A
06	Erman	Peshawar	SE-01	AI	B

2nd Normal Form

Student - Details Table

P-T-O

(3)

Kasimullah

ID# 15076

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Student Id	Student Name	Student Address
01	Usman	Karachi
01	Usman	Karachi
02	Waheed	Lahore
03	Saira	Peshawar
03	Saira	Peshawar
04	Hassan	Karachi
05	Aiman	Lahore
06	Enan	Peshawar

Course - Detail Table

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 01	AI	A
SE 01	AI	B

(3)

Katimullah ID# 15076 Mam Rimsha

3rd Normal Form

Student table :-

Student Id	Student Name	Student Address	Course ID
01	Usman	Karachi	SE-01
01	Usman	Karachi	SE-05
02	Waseed	Lahore	SE-02
03	Sairi	Peshawar	SE-03
03	Sairi	Peshawar	SE-04
04	Hassan	Karachi	SE-03
05	Aman	Lahore	SE-01
06	Eman	Peshawar	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	SRE	B
SE-03	DB	C
SE-01	AI	A
SE-01	AI	B

(4)

Karimullah

ID# 15076

Mam Rimsha

Q (2)

Ans (1)

Create database gallery

(2)

Ans:-

Create table movies (

ID INTEGER NOT Null, primary key,

Movie - 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
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(5)

Katimullah

ID# 15076

Mam Rimsha

(3-)

257

Create table Swat

```
(  
  ID int not null primary key,  
  name varchar (20),  
  age int ,  
  cgpa float  
)
```

insert into Swat values (4, 'Khan', 19, 2)

DELETE FROM Swat

WHERE CGPA  $\geq$  3

Select \* from Swat.

(6)

Kaamilah ID #15076 Main Bnko

Q 4:

(1)

Ans. Select Product - Name, Unit - Price  
Where SUBSTRING - INDEX (Unit - Price,

"Rs", 1) < 50;

(2)

Ans. Select Product - Name from table as  
Product\_list - Sorted ORDER by

Product - Name;

(3)

Ans:

Category	Count (Category)
Junk	4
Not junk	2

(4)

Ans Query:

Select Order\_Details, Order\_ID,  
Canteen\_Table Product - Name, Order  
Detail - Unit - Price, Order Detail  
Quantity) From Ordered\_Detail inner  
INNER JOIN Canteen\_Table on Ordered  
Details Product\_ID = Canteen\_Table  
Product\_ID.

(7)

Korimolkah ID# 15076 Mam Rinsela

output

Order - id	Product - Name	Unit-price	Quantity
01	Upton tea bags	160 Rs	1
01	Organic <del>bag</del> MILK	350 Rs	1
02	Dairy milk chocolate	80 Rs	2
02	KitKone	30 Rs	2
02	Chilla milk jelly	5 Rs	2