

NAME :: SYED-MUHAMMAD-SHAH-RIZVI

JO # I4520

Program :: BSCS 4th Semester

Subject :: DATABASE SYSTEM

Paper :: Final Paper Spring 2020

Q-NO-I

First Normal Form ::

Student ID	Student Name	Student Address	Course ID	Course Name	Grade
01	Ali	Kasachi	SE-01	AI	A
01	Ali	Kasachi	SE-05	SRE	B
02	Mohsin	Peshawar	SE-02	DIP	C
03	Shabi	Islamabad	SE-03	DB	C
03	shabi	Islamabad	SE-04	SRE	B
04	Sana	Multan	SE-02	DB	A
05	Ahसान	Lahore	SE-01	AI	A
06	Maharaj	Peshawar	SE-01	AI	D

2nd Form of Normalization:

Student			Course:		
Student ID	Student Name	Student Address	Course ID	Course Name	Grade
01	Ali	Karachi	SE-01	AI	A
01	Ali	Karachi	SE-05	SOE	B
02	Mohsin	Peshawar	SE-02	DIP	C
03	Shabi	Islamabad	SE-03	DB	C
04	Shabi	Islamabad	SE-04	SPE	B
05	Sara	Multan	SE-03	DB	A
06	Ahsan	Lahore	SE-01	AI	A
03	Mahnoor	Peshawar	SE-01	AI	D

GRADE

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

Q-NO-2(a)

Ans::

CREATE DATABASE Gallery;

Q-NO-2(b)

Ans::

Create libl Movies

(id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,

Movie_Name VARCHAR(50) NOT NULL,

Genre VARCHAR(15) NOT NULL,

Year(30) INT NOT NULL,

rating(6) INT NOT NULL;

Q-NO-3(a)

Ans

insert into student

(Student_id, Student_name, Age, GPA,)
values (14520, 'Muhammad SHAN', 20, 3.0);

Q-NO-3(b)

Ans ::

DELETE FROM student

WHERE CGPA \geq 3.5;

Q 4(1)

Ans:-

Select product-name, product-Id
from carteen table
where unit price < 50;

Q 4(2)

Ans:-

Select Product-Name from table as
Product-List-Sorted ORDER by
Product-Name;

Q 4(3)

Category	Count (category)
Junk	4
Not Junk	2

Q4(4)

Ans:-

QUERY:-

Select Order_Details.Order_ID,
Canteen_Table.Product_Name, Order_Details.
Unit_Price, Order_Details.Quantity, From
Order_Details INNER JOIN Canteen_Table
on Order_Details.Product_ID = Canteen_Table.
Product_ID

Order_ID	Product_Name	Unit_Price
01	Olpeos Milk	350 Rs
01	Lipton Tea bags	180 Rs
02	LAYS	70 Rs
02	Dairy Milk	100 Rs
02	JBC Jelly	10 Rs