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Program Bs (SE)

Section B

subject Data Base system

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(1)

Q1 = ANSWAR:

Ans:

³ This table is actually not in the 1st and 2nd normal form so we will be convert this to first Normal form.

^{key} S ID	Student Name	student Address	course ID	course Name	Grade
1	Fawad	Karachi	SE-01	DI	A
2	Waleed	Lahore	SE-02	DIP	C
3	Saira	Peshawar	SE-03	DA	A
4	Aiman	Karachi	SE-04	SRE	B
5	Danyal	Lahore	SE-05	DB	C
6	Emran	Peshawar	SE-01	AI	A
					B

Foreign ^{key}

S ID	student Name
7	Fawad
8	Saira

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→ Now 3rd form actually No Transitive Dependencies.

But there is Dependencies is occur:
 course ID ^{and} course Name
 }
 Transitive Dependencies

PK
 ↙

S ID	S Name	S Address	course ID	C Name	Grade
1	Fawad	Karachi	SE-01 SE-05	A SRE	A B
2	Waleed	Lahore	SE-01	DIP	C
3	Saira	Peshawar	SE-03 SE-04	DB SRE	A B
4	Aiman	Karachi	SE-03	DB	C
5	Daniyal	Lahore	SE-01	AL	A
6	Emam	Peshawar	SE-01	AL	B

F.K
 ↙

st ID	s name	course ID	None COURSE	Grade
7	Fawad	SE-1	AL	A
8	Saira	SE-2	DB	B

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Q2 = Answer 02 (Part 02)
(Part 01)

Q. Create a Database by the name Gallery.

Ans

Create database Gallery:

{

}

Q. Part 1

Create table Movie

{

ID int PRIMARY KEY,

Movie_name varchar(26),

Genre varchar(26),

Year INT

Rating Int;

}

* → → → *

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Q3 = Answer: (Part 01)

(Part 1)

Ans: \hookrightarrow Insert Data in the table which you want to insert.

\hookrightarrow comma separated list of columns in the table surrounded by paranthesis-

\hookrightarrow then gives value.

* Insert value to table:

Insert into friend

(ID, name, age, GPA)

value (1 Jitkhar Khan, 19, 2.3)

value (2 Khan baba, 20, 3)

\Rightarrow Now the table is After inserting the values.

SID	SName	age	grade
1	Jitkhar Khan	19	2.3
2	Khan baba	20	3

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Q3. Answer (Part 02)
(Part 2)

Delete all student's record
whose CGPA > 3

Consider the table

SID	name	age	grade
1	JShankar	19	3.2
2	Khan baba	20	3

↳ in this table we Required
to delete data which
CGPA > 3.

Delete from friend where
CGPA > 3.

Delete successful

S ID	Name	age	grade
1	Khan baba	20	3

* == *

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Q4 - Answer Q4 (part 01)
(part 1)

conten table

```
SELECT Product-name, Product-ID, unit Price
FROM conten-table
WHERE Unit Price =
      (select MIN (unit Price)
      FROM conten table);
```

Order Details:

```
SELECT Product ID, unit Price
FROM Order-Details
WHERE unit Price =
      (select MIN (unit Price)
      FROM order Details);
```

Pro ID	Pro Name	capogme	MfyPad	Top Det	Prices
05	chilli.Mell jelly	Junk	35-210	35 am	5 RS
03	kusture	Junk	20 am	-	30 RS
04	gibkhar Ekan	Junk	-	-	30 RS
01	lehan buke	Junk	10	-	160 RS
02	apras milk	ndhura	10	-	150 RS
06	leptan tea Bage	not junk	10	-	20 RS

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Q4

(Part 3)

→ select category count (caty);
select category count (category)
from order-table where
category;

category
Junk
Not junk
junk
Not junk

→ From canteen table:
select canteen-table
from canteen table

→ group by category
select category (cat)
from canteen table
where name by ID

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→ having count(category) > 3;

↳ This is used to filter the groups selected.

↳ select category (cat)
group by prod
having category > 3;

* — * — * — *

part 04

conten table select product name, prod, Id
from conten table - where
product price is < 50 Rs ordered
by product name & ID

ordered Detail: select product ID, unit-
price from ordered detail-
where unit price =
select min (unit price)
from ordered detail

* — * — * — *
* — * — * — *
* — * — * — *