

Date: _____

Day: [M][T][W][T][F][S][S]

(2)

Name :- Hayat ahmad Khan

ID :- 14486

Dept :- Computer Science (BSCS)

Paper :- Data base

University :- Iqra national university
Hayatabad, phase II pestawer

Date: _____

Day: M T W T F S S

(2)

-: Q1 :-

-: Answers :-

1st Normal Form:-

Student - id	Student Name	Student Address	Course- ID	Course - Name	Grade
01	Fawad	Karachi	SE-01	AI	A
01	Fawad	Karachi	SE-05	SQE	B
02	waleed	Lahore	SE-02	DIP	C
03	Saira	Peshawer	SE-03	DB	A
03	Saira	Peshawer	SE-04	SRE	B
04	Aiman	Karachi	SE-03	DB	C
05	Daniyal	Lahore	SE-01	AI	A
06	Emaan	Peshawer	SE-01	AI	B

2nd Normal Form:-

Student - Details Table:-

Student - ID	Student Name	Student Address
01	Fawad	Karachi
01	Fawad	Karachi
02	waleed	Lahore
03	Saira	Peshawer
03	Saira	Peshawer
04	Aiman	Karachi
05	Daniyal	Lahore
06	Emaan	Peshawer

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(3)

Course - Details 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

3rd Normal Form :-

Student Table :-

Student - ID	Student Name	Student Address	Course - ID
01	Fawad	Karachi	SE-01
01	Fawad	Karachi	SE-05
02	Waleed	Lahore	SE-02
03	Saira	Peshawar	SE-03
03	Saira	Peshawar	SE-04
04	Aiman	Karachi	SE-03
05	Daniyal	Lahore	SE-01
06	Emaan	Peshawar	SE-01

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(a)

Course - ID	Course - Name	Grade
SE-01	AI	A
SE-05	SGE	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

Date: _____

Day: **WEDNES**

(5)

-Q2-

Part (1)

Create database Gallery

(message)

Command(s) completed successfully.

Part (2)

Create table Movies

(ID int primary key not null,

movie_name varchar not null,

Genre varchar,

Year int check (Year b/w 0 & 2020),

Rating int check (Rating b/w 0 & 5)

)

(message)

Command(s) completed successfully.

Results:-

ID	Movie-Name	Genre	Year	Rating
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-:Q3:-

Part (1)

→ Create database Students

(message)

Command(s) Completed Successfully.

→ Create table StudentData

(Student ID int primary key not null,

Student_name varchar (25),

age int,

CGPA float

)

(message)

Command(s) Completed Successfully.

⇒ insert into StudentData values (14186, Haqat, 22, 3.6)

⇒ insert into StudentData values (15066, Hameed, 24, 3.8)

= insert into StudentData values (62091, Zaffar, 35, 2.2)

= insert into StudentData values (81451, Shahyad, 22, 2.9)

• insert into StudentData values (54910, Afzal, 22, 2.7)

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(7)

Select * from StudentData

Results:-

	Student - ID	Student - name	age	CGPA
1	62091	Zaffar	35	2.2
2	54210	Afaqh	32	2.7
3	21451	Shahyed	28	2.9
4	14486	Hayat	22	3.6
5)	15066	Hameed	24	3.8

Part (2):-

delete from StudentData where CGPA < 3

Select * from StudentData

Results:-

	Student - ID	Student - name	age	CGPA
1	14486	Hayat	22	3.6
2	15066	Hameed	24	3.8

Date: _____

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(8)

-: Q4 :-

Part (1)

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

Part (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

Part (3)

Category	Count(Category)
Junk	4
Not Junk	2

Part (4)

Select Canteen Table, product ID,
 Product Name, Order Id from
 Canteen Table, left outer join
 order T on Canteen Table, product ID
 = order Details, product ID.

product -ID	Product -Name	unit price	Order -Id
01	Dairy milk chocolate	80Rs	02
02	Lipton Tea	260 Rs	01
03	Kurkure	30 Rs	02
05	chilli milli jelly	5Rs	02
06	olper Milk	350 Rs	01