

Name : <u>Muhammad Musa</u>
Department : <u>BS(CS)</u>
Semester : <u>4th</u>
ID # : <u>15366</u>
Examination : <u>Final Term Exam</u>
Paper Subject : <u>Database Systems (Theory</u>)
Submitted To : <u>Ma'am Rimsha Khan</u>
Dated : <u>30th June 2020</u>

1 Maiam Rimsha Khap. BS (CS) Name : Muhammad Musa ID #: 15366 Subject : Database Systems Deptt : Bs (CS) = Examination : Final Texas Exam 30-06-2020 Dote . Q1. Ans First Normal Form-Student Student Student Course-Course -Grade id Name Address ID. Name 01 Fawad Karachi SE-01 AL A 01 Fausd Karachi SE-05 SQE B Walked Lahore SE-02 02 DIP C Saira Peshaway SE-03 03 DB A Saina Perhaward SE-04 03 SRE R Aiman Kapachi SE-03 04 DB C Daniyal Lahore 05 SE-01 AL A Emon Peshewar SE-01 06 AI B 2nd Normal Formy and the second Student _ Details Table: NOT NO TETE

		i Angerer
Student Student Strek id Nome Addre 01 Favead Koree 01 Favead Koree 02 Walcod Lahor 03 Sairsa Pesha 03 Sairsa Pesha 04 Aiman Kora 05 Dariyel Laho 06 Emaan Pesha 06 Emaan Pesha	hi contraine ii	11 12 12 12 12 12 12 12 12 12
Conse-ID SE-01 SE-02 SE-02 SE-03 SE-04 SE-03 SE-04 SE-03 SE-04 SE-03 SE-01 SE-01 SE-01 SE-01 SE-01	AI SQE DHP DB SRE DB AI AI	A B C A B C A B C A B

3. Student Course -Hudent Student Address ID. Nume id SE_ 01 Katachi, Faulad 01 Katachi, SE-OS Famad 01 Lahore 88-02 Walesd 02 SE-03 Perhaver Saira 11.003 SE-04 Pastavax Saira SE-03 Karachi Ainson 04 Lahore SE-01 Daniyal Emaan :05 3E-01 Pestoward Grade Course-Name Course. ID A AL SE-01 B SGE SE-OS C DIP SE - 02 A DB SE -03 B SRE SE - 04 C DBIANA SE-03 A AT SE-01 B AT SE-01 Contract 18301 1 (18: 65.25 G2 .create database Gallery Ans.(1) create table Movies (ID integer NOT NULL primory kay, Movie Name Vorchar (SO) NOT NULL, Genre Varchar (SO), Year Integer max = 2020 (2) Ans:

4 Rating integer max Massage: Command (S) Completed Successfully-Select * from Movies Resulte: Gonse Year Rating ID Movie Nome Q3:-Ans(1) Create table Students Data Student-Id not null primary key, Student-Name varcher (50) not null, Age int. CGPA Flowt. Massage: Command (3) completed Successfully int insert into Students-Data Values (15366, M-Musa, 21, 3.8) Massage: 1 row (S) affected insext into Students-Data values (15066, Hameed, 23, 2.8) (1) y 11 Massage: ected . Yow (S) MOT MULL PRIMA Students Dates Select * from a Cal - XAVI YAPITH

5 (1) Result: Student_Id CGPA Student. 1) Age Name 21 15366 3.8 M-Musa 15066 2.8 Hamesel 23 CGPA > 3 Students-Data where (Ans . drub And Junk Message: row (S) affected Select * from Students Data . strall. Regult: 1 tel si Cantoon No CAPA Student. Age Student_/ ID Name 15066 Hameed 23 2.8 QH: Porter Milly Select Ans(1) Product-Name, Product ID from Cantoen Table 101 where 00 unit price & SO Rs. NOC Select Product_Name, Category, Product_ID from canteen table where Product_ID IN (01,03, Ans(2) (*) 02 By ORDER Product_ID, Product Marge.

0 Select Canteen-Table. Product_IN as ID (*) Conteen Table - Product Name Prome From Table where Product TD = Home Furnishings COUNT (Categor Ard. Category Junk Not Junk Select conteen Table. Product_ID, Product-Name. Order.Id From conteen. AN Table, left outer join ORDER-T ON canteen Table Product ID = Table, left Order-Details, Product_ID Product-Nome Unit. Price Order_Id Product_ID 02 Dairy Milk SORS (1) + chocolate 01 160 RS Lipton Tea byp 02 Kurskure 30 RS 02 -03 30 R1 Shezan Juice 04 Chilli Milli SRS 02 05 Jelly Olpers Milk 350 R 01 06 Read B