Name-Gausav Singh Course CODE-EBS 1007 (I)Rg No-19BBS0026 Slot -> BI Date- 15-01-20 (B2) Given -R= [CSJD Pav] F.D. C-7 SJDPAV IP + C SD > P 745 Minimal Guer-To find And March Step 1-In RHS, Strub have single all sides, C-)s =) C+ J $C \rightarrow D$

C->P

C-) Q

C>V

JP->C

SD7 P

Z 75

Sto 2 -In LHS, yemove ext 8 mous attribute. C+ S C+J C3 D $C \rightarrow P$ c-)6 C->V JP-) C = = = > J+, P+ J+= { J, S,G}P } P+= { P, C, 3 Remove P in the about P 101 5 57 C IN 11 11 1115 AT 11/2 . > 5+,04 SPAP = St= (5) Dt= LP,P, C,sav3 semale s from the above fl DAP

Name-Grava Singh. 3 Rg No - 19 BBS 0026 C+S Dale- 15-01-20 CHI CHP X CHA CHA C-> D コントメ Step 3- Eliminate the reducy -(i) CAG dird ct exted C>S Sisred there a ceptall C+={ J, D, P, A, V, 3 (11) C+ 7 find a eved C+J Cs, P, P, v, e, & 7 Jund those alast L (111) C+D accepts. C-> P (IV) Not a center C-C 5,7, P/a, V, P3 (V) CY & acept. (vi) 3

Nt acetd 1 X J -> C JL Cy ST; P,P) D-> P aupldi Fird -) $C \rightarrow S$ Cナゴ C>d CHO CHV PHP (5)

B3-

Name - Gravav Singh Reg Na. - 19 BBS0026 Date-15-01-20

S[RyNo, Sname, test, artid, evane, vone)

Irosst anomalies accuses when costain attailudes Connot be insented into the batalose. Without Pregne at other attailude.

Noted anomalies) obtists when costain attributes are lest because at deletion at other attributes.

whole fromalies An update occus when one or more instance of duplicated data is updated retail

Er-

Ry NO 1	Sname	Test	empid	gran	VAN
1	Gouz	Methy	S	X	N
2	Rem	math	6)	P

Inaction!

en lid	crone	
5	W 1	

he can see that there is not in ear the table.

(b)

neletion!

If Semeone decides to debt maths for gawaav then he have to debte for pam to

whater.

If smoon day to uptale mather subject of Groupa u to english them he/see to whole table.



Name-Gausav Sirgh Reg No-19BBS00261 Date-15-09-20

(SI-)

Givan:
R = & P, Q, R19, T, U

F-D= P+P,

RS+T

P+Q

9+U

Set The Possible Cardidal Keys in abae soldion as [P, RS, a, v]

F.P in 3NF-)
FD .R.>P
Attributar
R,P

F.P P12

Attribute P

Attributer
PIPI

(8) FD
S-10
S-10
FD
IS-10
FD
IS-10
I

(9 Name-Gravas Singh Reg NO - 19BBS0026 Date-15-09-20 04-Create Table (PID int, Prome varchay(201)) Colde Table Tided (PIDird, Two int, Vehidens varches (20)) PID (PK) Ticke Tro (Pk) Bus vected No CIA) Loone

(10) Select rame From Bas when vohicalmo= "3012" brechid no= 422 vectial Pid = rame. Pid. Soled rame 7-Jacon But veint nom = 130111), veolid no= 4022'1 vehid Pid= rane. Pid 3self Pid From lus . Drame. Pid = "JOHN) FH d wh moneid= reddif selet rane 4-From Dus vedule no= 1012/ veoned Pid= rome. Pid Sold man. 5from Bus vedid no= 1130111, V vehid no= 11402211 vectial Pid= rane Pij.

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