STUDENT'S NAME	Sunag . P	TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE 17-6-21	

	DBN	15	Sunua	P
	29.71.		IBMIGIS	
,				· li
		Past-A	desir time	
		·	3 14 1	
) Buse	1) R.B < S.B			
0		•	© 0	
	A R.B 5.1	2 6		
	1 2 3	l.		1
	2 1 2 7	8		
	\ 3 7	8		
	< 1 -		10 2	
7,	71/2 2 -	8	7 35	\$ 5/3
59	2 3	4	W. Longs	
	But - Janes & de front	807-	r manuar Alban 1	24-1
	ii) Left outex is	۵.	- h work	
	- Dans	oil ou	RES	11
2:1	Brown R. M. S	<u>Likup</u>	and week	1
	<u></u>			
ii	A B	Column 1	as done Ki	16:
1	to be 1 years 3 how	4	200 Mar 2003 - 200	al/www
	211202	1 1 1	* * * * * * * * * * * * * * * * * * *	į.
	5 6 -	Variabi.	Bonn Starley	į.
- he	1. Rost man 2 and	L	100 1 100 100 100	1
	Chippy of properties	months in	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	"ii) To find un	ion and	intossection	10
	we must how	e same	attributes	11 0.00
	in both the	Kelation	but the	
- 2	THE ISOLAL CARE			457
	given relations	do do	not have	
	given selations	do do	not have	
***************************************	given selections some attribut	do hon	not have	
	given selections some attribut	do hon	hat have	tonn
	given selations some attribut find union R(A, B) S(tes hon	not have	tonn
	given selections some attribut	tes hon	not have	tonn

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	Sunga P
	IBM1975163
2 1 2 4 1	
1	IN) Natural join of RES.
	N) Natural Join of R E, S.
	A B C
	, 2 H
	Prixt-B
	1000
2/00	((a)
37113	czeato view Bbzanch as select
2 0	customes possible of second
-din	from depositor, account where
77.	
	= number = and brough = depositor and
	-number and branch-name = "Baravana
	"i) create view customezdatails as select
cnet	max. customex-name, concat (customex-street,
	customez-city) as address trom
	customes, depositos where
	customes. customes-name = depositos. custo
: 60 _a	-name and customes customes - name
obi.	not in (select customes-name from
. (1)	poskonsk)
- 1 V	(1) indext into Bhonnet walnes
	"") "njext "nto Bbonneh values (" Sun", " 123456789", \$ 3" Bagavangu
4.4) > 3 Sayawangu
	insext into rigtomesdatails values
	(" Sun", " laggeze, Bangaloze");
	3 38 , 200

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STUDENT'S NAME	Sung P	TOTAL MARKS OBTAINED
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	SunageP
î	18m1975163
	iv) Delete from Bbranch whose
1	customes-name = "Sun";
34	Delete from metomordistails where
	customet-hame = "sun";
, j	minima to the state of the second of
Back	2 b)
	Rollno → Name
	Rollno -> Maxle
4	Rollno, Namo -> Maxks
	Rollno - Rollno
	Name -> Name
	Marks -> Marks
	Rollno, Maxke -> Name
	Rollno, Name -> Name
	ROLLNO -> Name, Marke
	Rollno -> Rollno, Name
. /	Nama - marks
	maxks -> Name
1	Land and they are the first of the second of
1	
PAC	pc) Toivial function dependes
	1) emp_id -> emp_id (: emp_id is subset
Y	of itself)
	2) emp-id, emp-rame -> emp-rame
	here emp-name is the predict of
	emp-id, emp-hame

. /	Sung-P
, · .	BMISTSIGO
	3)emp-name -> emp-name (-: emp-name is subset of itself
	wemp_addsess -> emp_addsess
4	ender about in the Ci' emp address is subsite
	of "tself)
•	5) emp_mobile > emp_mobile (: emp_mobile)
, ()	and the second s
	Non-trivial
	1) emp_id -> emp_name
	(:: emp mame is not a subset of
15	a) emp_id -> emp_addbess
	(-: emp-addsess is not a subset of
-	emp-id)
73.1	
N. S.	3) emp-id, emp-name -> emp-oddsess
	(: emp_address is not a subset of
300	(emp-id, emp-name))
	u) emp-id, emp-addxes -> emp-name
3716	(RHS is not a subset of LHS)
	5) emp-id, emp-mobile -> emp-name
102	(RHS is not a subset of IHS)
	in the state of th
	- the second of
	mod years of a second
40.5	

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+	Sunag-P
	IBM1972169
	Past -C
l	
9	eb) i) select person name, salory from
	woxks
	"i) seleit Elipesson name from
	Employée as El, Employée as Ed,
	Manages as M where Eleperson-have
	= M. pesson name and Ed. pesson name =
	M. managex hame and E1. streed =
	Ea-street and El-city = Ea-city
	8
	iii) select * from employee
	whose person name in (select person.
1	name toom works where salary
1	name toom works whose salary
1	iv) select Employer. proson name from
ı	Employee, works, company where
ı	Employee. person name - works. person
1	and Employee-city = company-city and
1	
	woxks. company-home = company . company
	nome
	I salart manager name from Maria
1	v) Select manger name from Managers
-	whose manager name in (select
-	person-name from managers);
-	
-	
_	
	JSB Gold —

	Sunge P
	Sung-P IBMIGISI62
Pale	PCIR(A,B,C,D)
	AB > CD
	DJ B
	$C \rightarrow A$
	Edge d'agram => P(A,B,C,D)
,-114	
l joh	$(A)^+ = A$
4	$(B^+) = B$
9.53	(+ = (C, A)
. <	$D^{+} = DB$
	(AB)+ - OD CD
	$(AB)^{+} = ABCD$ $(CD)^{+} = ABCD$
1	(CD) = 11 BCD
	Hence we have a condidate key
	Chox super
	affect as & AA sud liver had
	to home ARE (1)
- 74	only candidate Voice
	18. any thing added 1. as
1	CD sesult is super key but not
	cardidate key
-	10 10 10 10 10 10 10 10 10 10 10 10 10 1
44	The state of the s

STUDENT'S NAME		TOTAL MARKS OBTAINED
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Sunao	g-,
IBm197	
NO. 14	
ii) R(A,B,C,D,E,F)	
AR+C, C+DE, E+F, D+A, C	>Ble
$A^{+} = A$	
$B^{\dagger} = B$	
c+ = (c, D, E, 3A, B, F)	
$D^{+} = (A, D)$	
$E^{+} = (E, F)$	
$F^{+}=(F)$	
closur of attributes	
$(AB)^{+} = (A_{1}B, C, D, E, F)$	
$\frac{\theta_{+}}{\theta_{+}} = (\theta_{-})$	
$(ABF)^{+} = (A, B, C, D, E, F)$	
$\frac{DB^{+}}{EF^{+}} = \left(\frac{D}{E}, \frac{B}{E}, \frac{A}{E}, \frac{C}{E}, \frac{E}{E} \right)$	
$CB^{+} = (C, D, E, A, B, F)$ $CBC^{+} = (C, D, E, A, B, F)$	
$DEF^{+} = (D, E, F, A)$	
$\mathcal{D}_{+} = (\mathcal{D}, \mathcal{A})$	
Ft = F	
4	
super key > (AB)+, (ABF)+, (DB) (B)+, (BC)+ because they uniquely identify a tuple in	5
(CBS+, CCBC)+ because they	can
uniquely identify a tuple in	a tabl
Condidate key) (AB), (DB)	生
ox condidate key because the	X
proper sub-set is not post	of
proper sub-set is not post super key for the given of	osuse
c le also condidate les	
- 8	