NAME: RUNAL RANK CLASS: B TECH 3 RD YEAR. COMPUTER ENGINEERING

Camlin	rage
Date	1

3: {p(X,X) ip(Z,f(z))}

0=1 X/2} S1 >1 p(2,2), p(2,f(2))

0= (f(2)/23, Unification failed

4: 30 = p, (prime (1)) p (prime (4))
10 0= 11/1/4

S'= P. (prime (11)), pripe (prime(11))

Hence Uniher = (1/4)

 $S_{0}S_{0} = p(a, g(x, y), f(y))$ p(a, g(bf(b), a), k) $0 = \{f(b) | k\}$

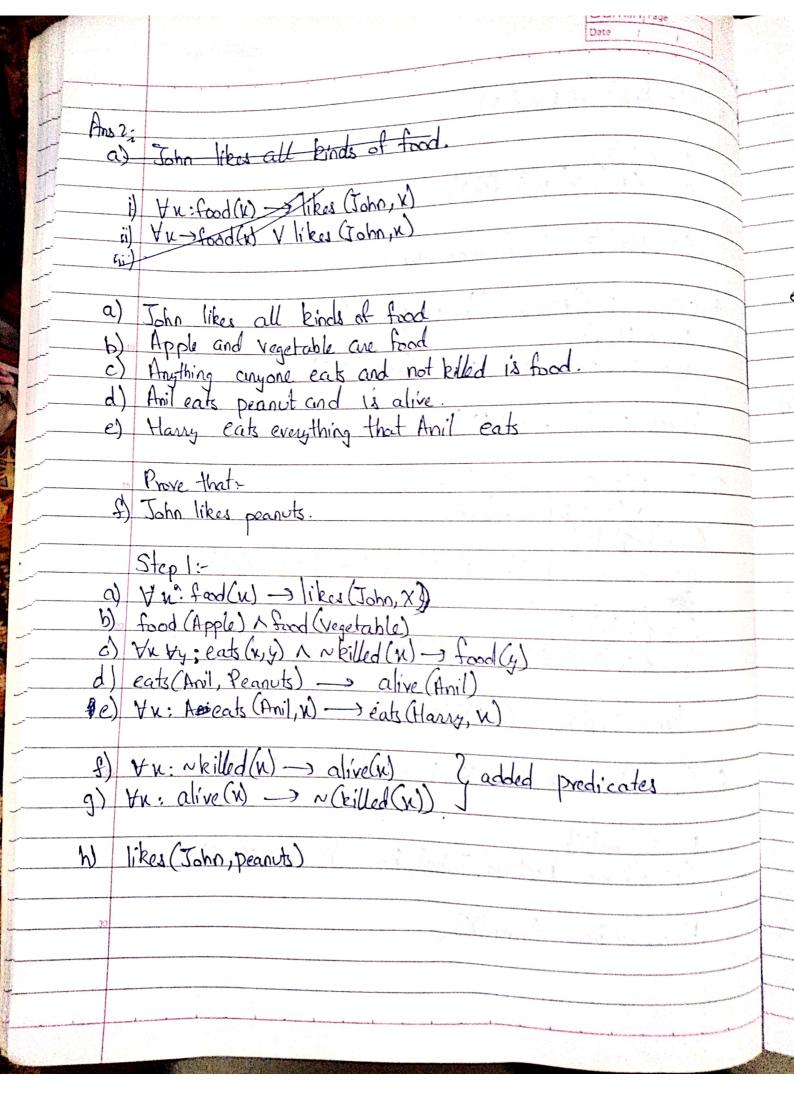
 $S_1 = 1 Q(a, g(f(b), a), f(y)); Q(a, g(f(b), a), f(b))$ $S_2 = 1 b/y^2$ $S_2 = 1 Q(a, g(f(b), a), f(b)); Q(a, g(f(b), a)), f(b) 3$

Hence, Unifice = 2 f(b) |x, b|y, a|a)

6,25 Soz (knows (Richard, X), knows (Richard, John)}

0=1John XY S1= (knows (Richard, John), knows (Richard John)

Hence, unifice = (John X)



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	and the state of t	And the second of the second o
	Step 2:	
	Remove Implications:	enderstoord was a single on the state of the single of the
a)	- YN Sfood (X) V [ikes (John, X)	
b) 5	food (Apple) 1 food (Vegetable)	and which is the second second and the second and the second seco
0)	Yuty -> [eats(u,y) ~~killed(u)] v food(y)	
<u>d</u>)	eats (Anil, Peanuts) A Alive (Anil)	ом пой го мого по го манеточном не знагового свято негодоствення почения в поча бывающий амеранизация в почасний дом
0)	Vx-)est Vx reats (Anil, X) Veats (Harry, X) Vx~(N (killed (N)) V alive (X)	ness and a substitute of the s
t)	· Yn ralive(n) V r(killed (n)	n solga samuni muser at Samuni na samuni samuni samuni samuni samuni samuni mengana salam sajasa salam samuni A
9):0	likes (John, peanuts)	
h)_	TIREA (JONN) PECUTOS)	
	More regation inwards:	
a	Yu ~ food (x) V likes (John, x)	
b's	and (Apple) a food (vegetables)	
d	Yx, Yy ~ cats(x,y) V killed (v) V food(y)	
di	eats (Ani), Peanuts) A / live (Anil)	
e)	Yw Neats (Anil, W) V eats (Harry, W)	
5)	Va veilled (9) Valive (9)	
9)	Vk ~ alive (k) V ~ (killed (k))	
N)	likes (John, Peanuts)	
	Carant haling	
	Prop universal quantifiers: refood (n) V likes (John, x)	
<u>a)</u>	a food (n) Vlikes (John, x)	
<u> </u>	food (Apple)	
d)	reats(y, 2) V killed(y) V toca(t)	
e)	eats(Anil, peanuts)	
4)	1 // 1/	
a q) oza L/Asil W) V eak (Harry W)	
(d_	killed (g) Valive (g)	
(i	Nalive (k) V Nkilled (k)	and the same of th
4	killed (g) Valive (g) Nalive (k) V Nkilled (k) fives likes (John, peanuts).	

Step 3: Negate the proves statement to be proved Here. Graph Step 5: Drow Resolution Coraph Whites (John, pennets) Afrond (Resolute) Area (Super Step 1) V killed (S) V toolth Resolute (St. Resolute (St.) Neath (y, pennets) V killed (y) Resolute (St.) Resolute (St.) Resolute (St.) Resolute (St.) Resolute (St.) Resolute (St.) And (Right) And (Right) Alive (Friil) Alive (Friil) Alive (Friil)			
Skp 5: Draw Resolution (nitaph Milece (John, peanets) Nood(N) V John likes (John, N) Milece (John, peanets) Nood(N) V John likes (John, N) Meanets (X) V killed (Y) V foods Meanets (Z) Meanets (Z)			
Skp 5: Draw Resolution (nitaph Milece (John, peanets) Nood(N) V John likes (John, N) Milece (John, peanets) Nood(N) V John likes (John, N) Meanets (X) V killed (Y) V foods Meanets (Z) Meanets (Z)		the proved	
Skp 5: Draw Resolution (nitaph Milece (John, peanets) Nood(N) V John likes (John, N) Milece (John, peanets) Nood(N) V John likes (John, N) Meanets (X) V killed (Y) V foods Meanets (Z) Meanets (Z)		Step 3: Negate the prove state	
Step 5: Draw Reservation Greath Nikes (John, pearet) Notad (N) V John likes (John, N) (Reanuts X Y Notad (Reanuts) Notad (Y, E) V killed (Y) V food (Y (Reanuts Z Y (Reanuts Z Y (Reanuts Z Y (Reanuts Z Y (Anil , Pearets) (Anil , Pearets) (Anil , Notad (Anil) (Anil / R Y		Hence,	
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April / April			
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Neak (y, peanuts) V killed (y) eats (Ani), Peanuts) KAnil, y f killed (Anil) Nalive (k) V N killed (y) Anil /k's Nalive (Anil)		Leanuts 124	
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killed (Amil) Nalive (k) V Nbillelle (Amil/k) Addive (Amil) alive (Amil)			
billed (Amil) Nalive (E) Valeillelle (Amil/R) Adive (Amil) Alive (Amil)			
Malive (Anil) Anil/k? Alive (Anil)		(Anil, y)	
Malive (Anil) Anil/k? Alive (Anil)		b://.d @ .d\	
12		Nalive (k) V while k	
12		/ / / / /	
12		ralive (Anil)	
Herre, proved.		allye (Anil)	
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Herre, proved.	8	14	
		Herre, proved.	
	30		
		As II. The second secon	