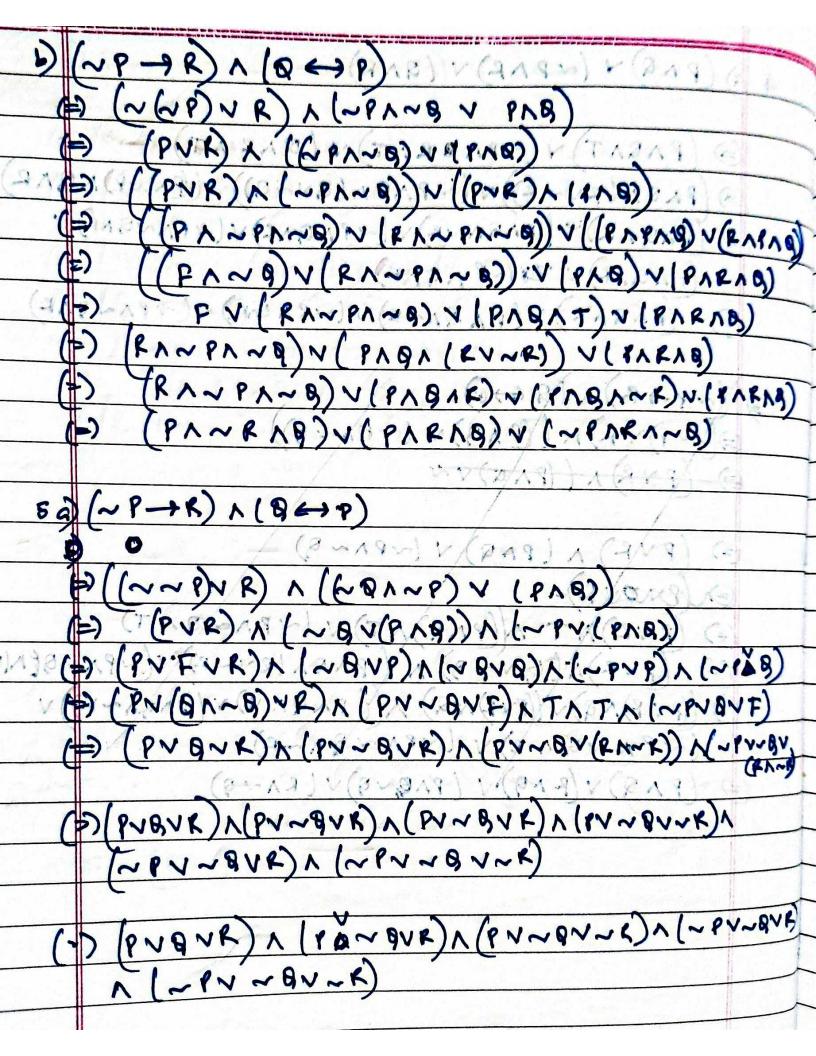
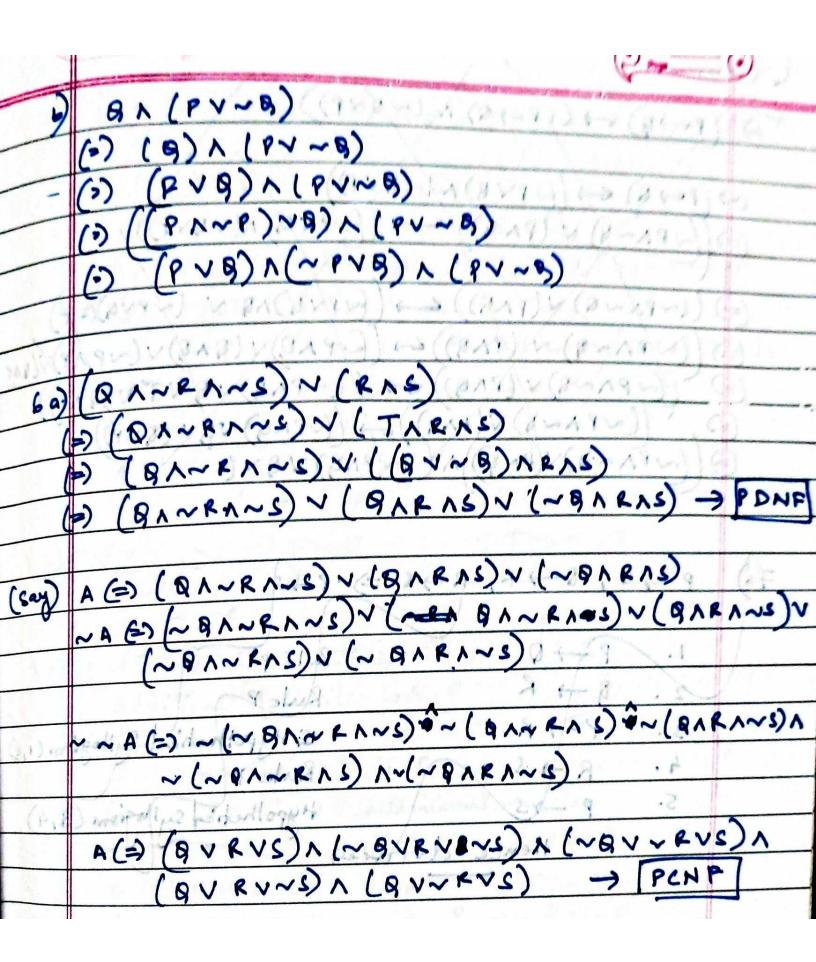


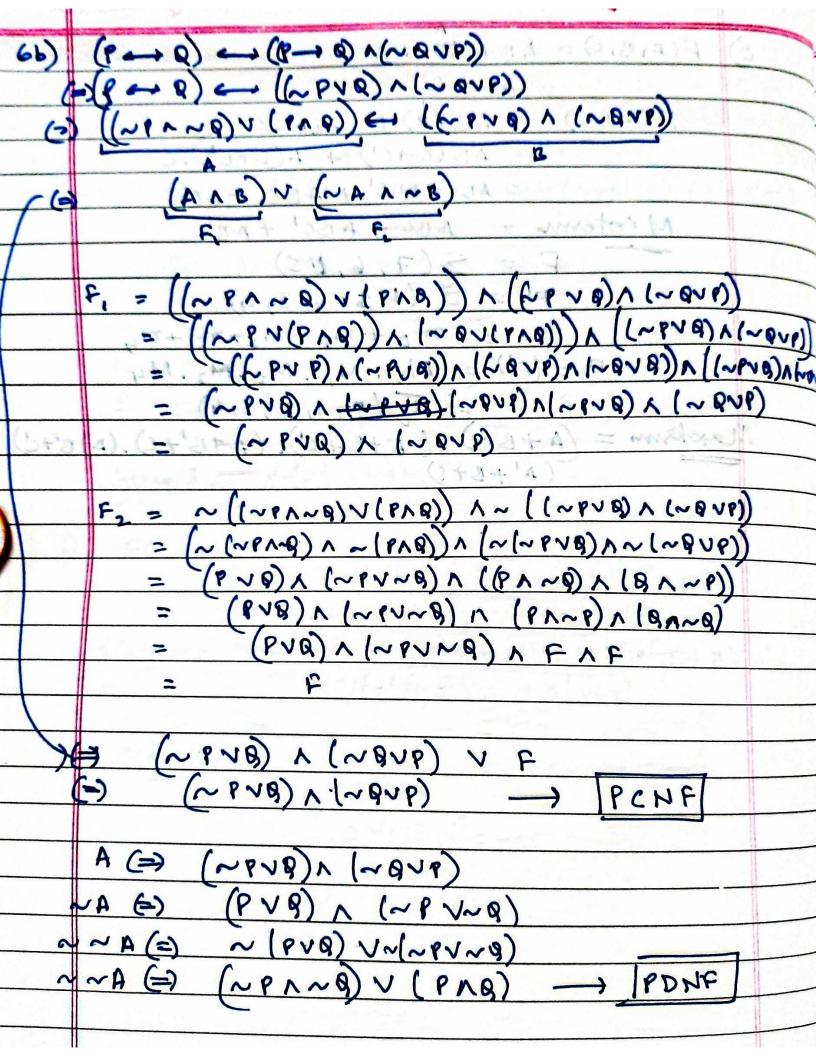
27	
20	P-> ((P-+Q) A ~ (~QV~P)) - A (2-1) - 4
	1. P -> ((P-) R) A (O AP)) DeMorgan's Law
	2. P-> (KPVQ) N(QNP)) AP-19- LPV9
	3. P -> ((~PVQ) N(PNQ)): Associative
	4. P-) ((-PAPAR) N (AAPAR)). Distributive
	S. P-> ((GPAP)AB) V((QAB)AP)) Associative
-	6. P-> (IFAQ) V (QNP)) Odempotance,
	(9AR) V BV 9 Complementary
100	7. P-) (FV(QNP) Identity
	8: P - 1 (QAP) (IND) (PV Odinbity)
	SININPON (PNO) A (BVBVIP-10=~Pro
	my (avavar) (avar).
-	~ (PVQ) \ (PNQ)
	(8×8) 6 (8×8) 6 (8×8) m (8
PAS.	
LAT V	2. (-Opprom) N(PNR)) V ((PVO) N(NPNNO)) Demorgon.  2. (-PNRN-RNA) V ((PVO) N(NPN-Q))
2:50=	4. (FINE) Y. (PNO) N (~1812-0)) Identity
e.t.	5. FU ((PVB) N(~PN~B)) Identity
1, 101.	
	siduliotical (PNN9NNB)V(BNN9NN9)

3	e) P-> ((P-+0)N~((0+9)) -1 (2+9) (-1
5.4	(GLA) 1(GLA) 1(GLA) (GLA)
	1. P-> ((P-) A) A (AAP)) DeMorgan
	2. P-> (~PVB) N(BNP)). P-19 = ~ EVB
	3. P-> (NPAGNP) V(GAGNP)) Distributive
	4. P-) ((FAQ) V (QAP)) And Idempotence, Complements
	STOP -> (QV(QAP)) Sentity.
plata	5. P -> (QV(QAP)) 2 dentity. 6. Bes ~ PV(QV(QAP)) P-10=~PVB
	20010 PVQ (000107) 6-9.
	7. (~PV9) V(QNP) (YNB) Association
2vt	8. (vevava) A (~evavp) Distributine
	1. [NPVA) N (NPVAVP) Idempolemen
	(819) (219) mg
	~(PNB) (PNB)
No. AND VIEW	12 (Pres) (PAS) (PAS) (PAS)
· empros	B. (~(hya) V (bva)) A (hva) V ~(hva) ) Les e-short
11.1	( ( ) ( ) ( ( ) ( ) ( ) ( ) ( ) ( ) ( )
1.4	4. (~ PNP) N ( PN B) N ( PN B) N [ NP N N P) ASSOCITION
5.00	5. (FAP) N ((PNA) N(PNAB)) complementary
it Cat	F. (PV9) N (~PV~9) Jentity.
30 than 2 1	Jamey.

(PAQAT) ~ (~PAP) ~ (QAR) (PAQAT) ~ (~PAPAT) ~ (QARAT) (PAQALRU~R) ~ (~PAPA(QV~Q)) ~ (EV~P) ~ QAR) (PAGAR) ~ (PAQAMR) ~ (~PAGAR) ~ (~PAGAR) ~ (PAGAR) ~ EQ (~PAGAR) (PAGAR) ~ EQ (~PAGAR) ~ (~PA~GAR) (PAGAR) ~ (PAGAR) ~ (~PAGAR) ~ (~PA~GAR)







	1 /	1.	whose it don't be the
30)	P → Q		ع د ۶ د ع د
Additional premise Dis			nise Dis P
	The day	- 1494	
	1.	P -> Q	Rule P
	2.	9	Additional Premise
	3.	<b>Q</b> .	Moduelonens. (1,2)
	4.	9 - R	Rule P
	5.	R	modus Ponens (3.4)
	6.	R -> 5	Rule P
	4.	٤	modro Poneno (5,6)
	8.	PIS	Rule CP.

77	2 ←2~ (= 2 ←9, 9 ←9, 9 ∨9 14664
	Additional Premise ~s
	1. PVB Rule P
	2. ~ P - 1 Q P - P - P - P - P - P - P - P - P - P
	4. ~P -> 5 Hypothetical Syllogism (210)
	5. NS Additional Premix.
	L. P Modu Pollerio (4,5)
	7 Due Rule P
	8. R. Modus (on en (617)
	9. NJ -1 R Rule CP
	Hence Proved
8)	C: misser many classes through Minus
	SB: Jails in high school
	SB: fails in high school  B: reads at a lot of broks
	6: unednated
	. 411
	Premises
	(iii) &> ~ E
	(iv) CAB

V	10 miss boridade of bother boriber
- 2	. S → E Rule P
3	C - El Hypothetical Syllogion (1,2)
L	1. B -> nE Rule P
\$	5. CNB 4 Rule P 2-1-3-1
	6. B dimphi fication 5
1/2	7. ME Loid House Noneno (416)
-	8. ~ C Moder Tollens (13,7)
-	9. CANCZF Brown Simphification
-	: Inconsistent !

1	Premise :- A -> (evc)
	8 → ~ A
	AND CO (CANADID) D - NC MC MICHADO
	conc: - A - > ND.
	where: A: A works hard
7.7	B: enjoys themself
-	sint of pridible " AAA in
	CAL Established
	A be additional premise.
	(4:11 Alto additional premise)
	3. BVC Modrofonino (1,2)
	4. & Cideral Additional Rule 3.
	5. D. +> ~ C. Rule P
	6. ~ D Modu Tollens (4,5)
	7. UA-SND URNIERP. (MAP)
	Argument has natid conclusion.

100	A) E-JS, S-H, A-J WH E) ~ (ENA)			
	March A - 1			
Ind	Indirect Method, Addition Premise Le ~ (~(EANA)) ENA			
Me	TO THE PART OF THE			
	1. E-IS Rule PI	MAN Juster		
	12 years 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
3000	2. S-) H Rule P  3. E->H BI Hypothesis Syllogical  4. ENA Additional Poemise			
4. ENA Additional Premise				
	5. E Simplific			
C. A. H. Modro Porino (2/5)				
	+· A -> ~H Rule 9			
	8 min A Lord Moduo To	Vieno (617)		
1	9. A simplification (4)  10. A A ~ A => F			
9 sthence provid. ?				
	(2 112) - and Not about	~		
b) P-> (9NR), (QVS)->U, (PVS) => U.		DI U . K		
	Additional premise be low U and transmit			
	1. (OVS) -> U Rules			
		and Pormise		
	The state of the s	Tollens (1,2)		
	4. Prahap PNS Rule	Υ		
	S. ~P->S P->S	S =) ~ P V 4		
		T, (3)		
	4. ~s Simpl	tolleno (0,7)		
	8. P modin	tolleno (0,7)		
	86			

_		The second second
9	· P -> (ONK) Rule P	
10		mo (11/1)
- u	. J. OUB + (D'SA) + Stangelish	catim (0)
1 12	+ (~ 94.4). (A.A) + (b.) (G. ~	44 10
15	3. 91~9 =) F	00
	La formalida . A	.a A
	huse provid.	0
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