

D.	(-	Accia	nmont
	>	11331	

The door is closed of True

It Widn't hain yesterday - > There

False or True

=> Terre -

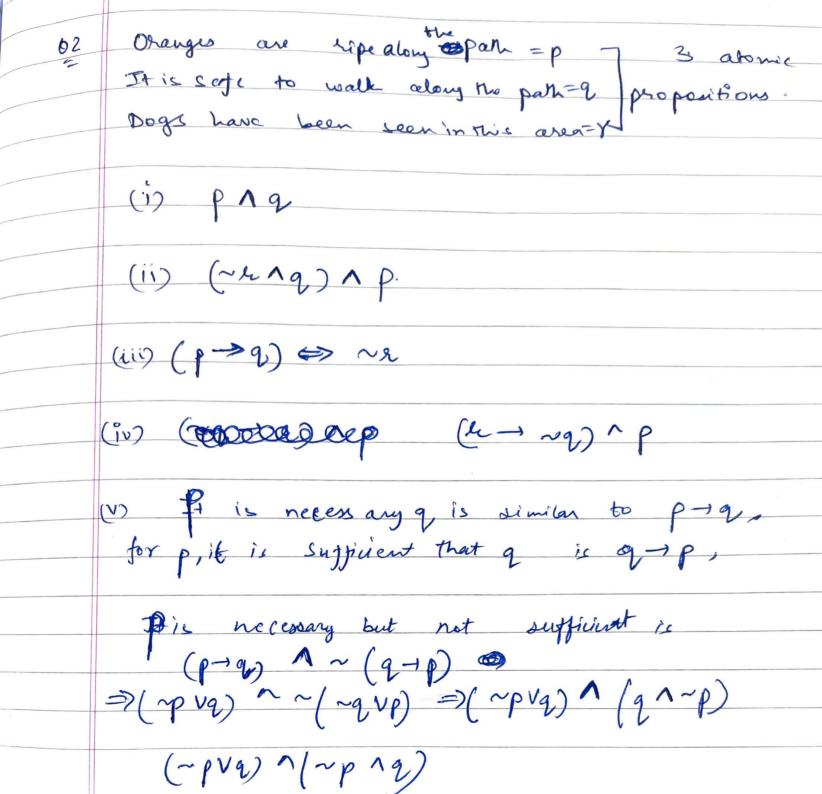
De of it rained yesterday → p.

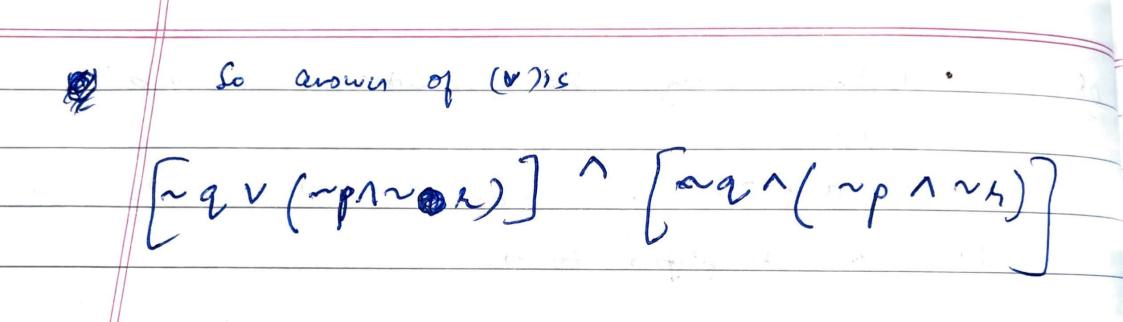
1ts sunkay today → q

p→q → ~pVq

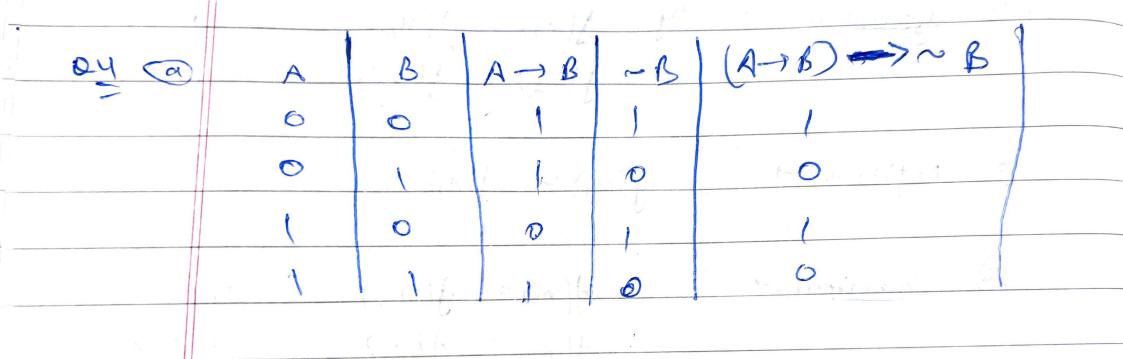
Pis Fadre, ~p is Tenu

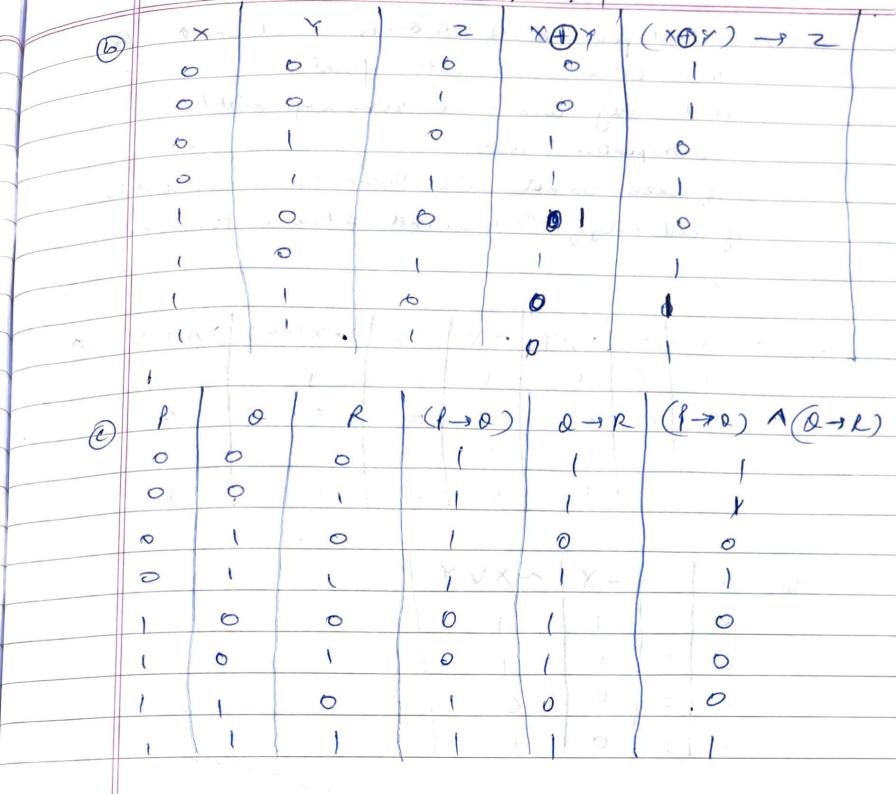
of whole statement is True.

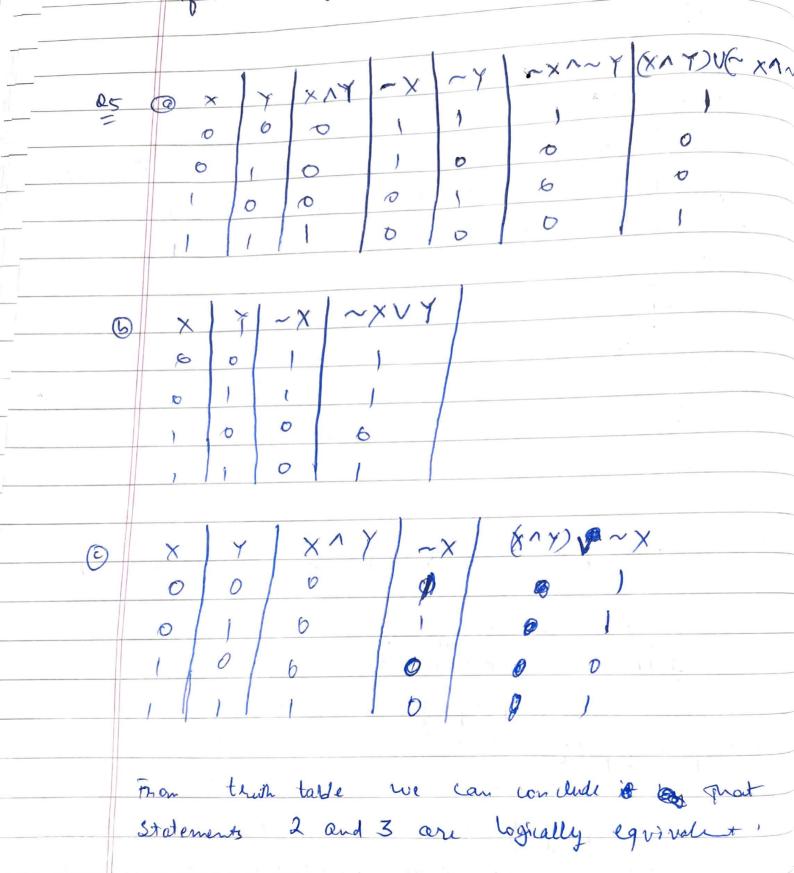


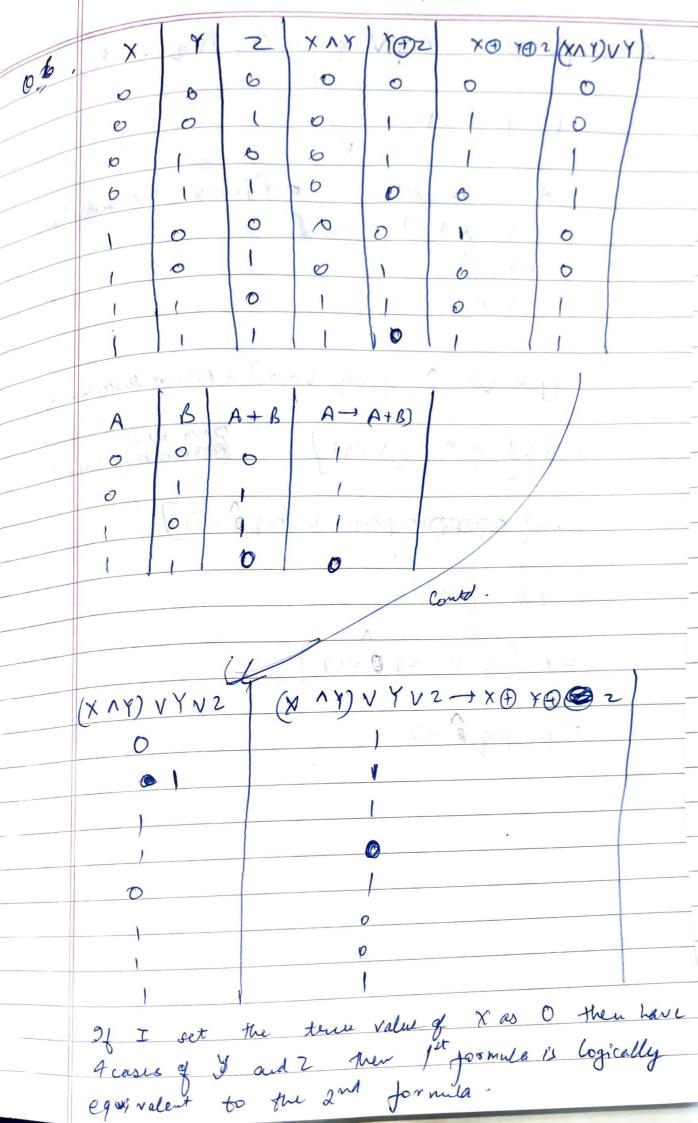


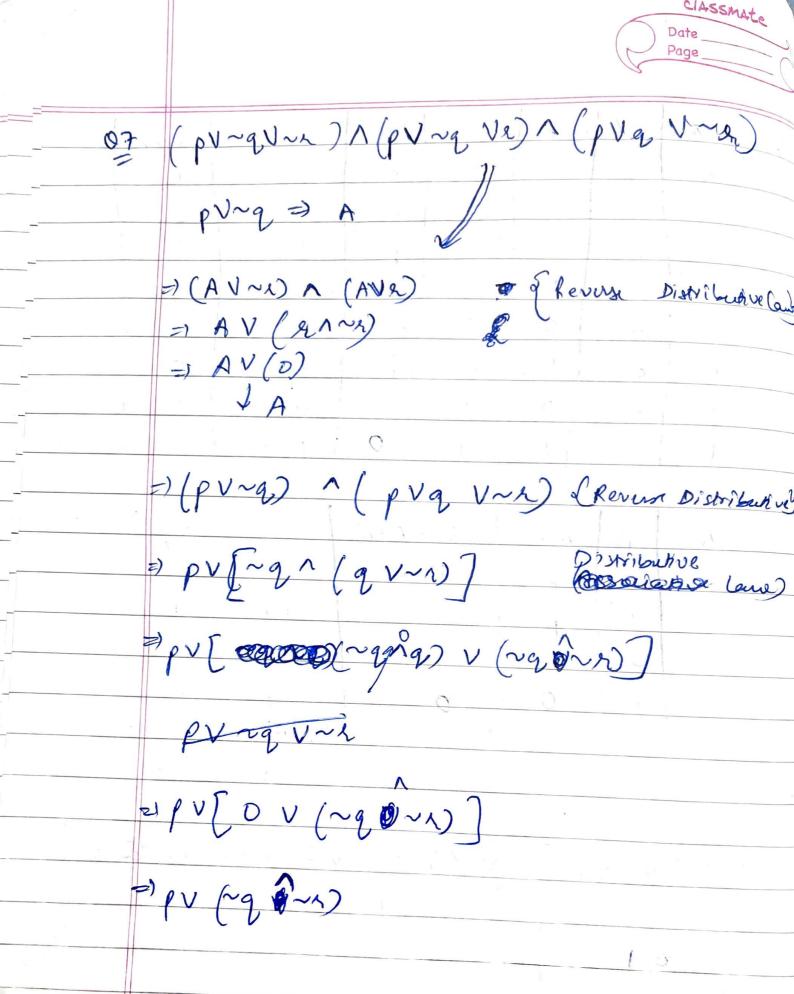
Contrapositive of p-19 1c -~ q -> ~ p. If it leaders today -> p field is crowded - 9 2 we can't play football -> h Contra positive (pvq) - r = ~ (pvq) we can play football, The of 1~2 If it doesn't rearn today and the field is not vrouded Contrapositive of A-COB is ~B COA. A -> lakers advance to final b) They win their remaining matches. Contrapositive 13:-If taken de not win their remaining matches if and only if they will not advance to finals.













a-16 can be whiten as ~avb. So it simplifies to: 1 ~ (av~b) 1~c) => ~ (av~b) Vc (DerMorgan's Lew Again) (~a/ b) VC