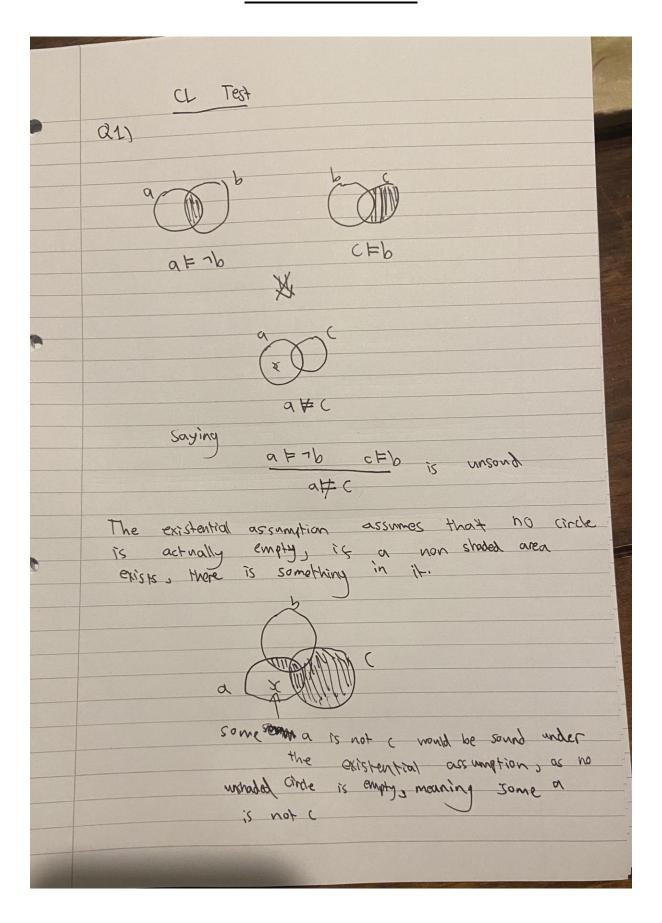
CL tutorial 5



•	
	92)
	Derive b= > c t= > a from borbara.
	α\ b
	Boxbara
	abb bec
	alec
	contrapone rules
	at alt
	a F p a F c
	P≒ C
	contra pone ruces
	b+c a +c
	a#b
	replace c with - c
	b=nc aknc
	b=-1c a#-1c contrapose sequent
	₩ ₩ ₽
	b=7c 77c ≠ 7a
	a≠ p
	donne negation
	b=rc c = derived from Barbura
	a#b Barbura

Q3) prove (-p1-q) V(pVq) is a tautology derives into as every branch beames an I rule, it's universally valid. p = p,q -1R 1=-07600 NB からから 1= (2622d2) =1 = (-p1-q) V(p1-)= = (-p1-q) V(p1-)= and its universally valid, we see that (12/179) v universally valid, we see that

