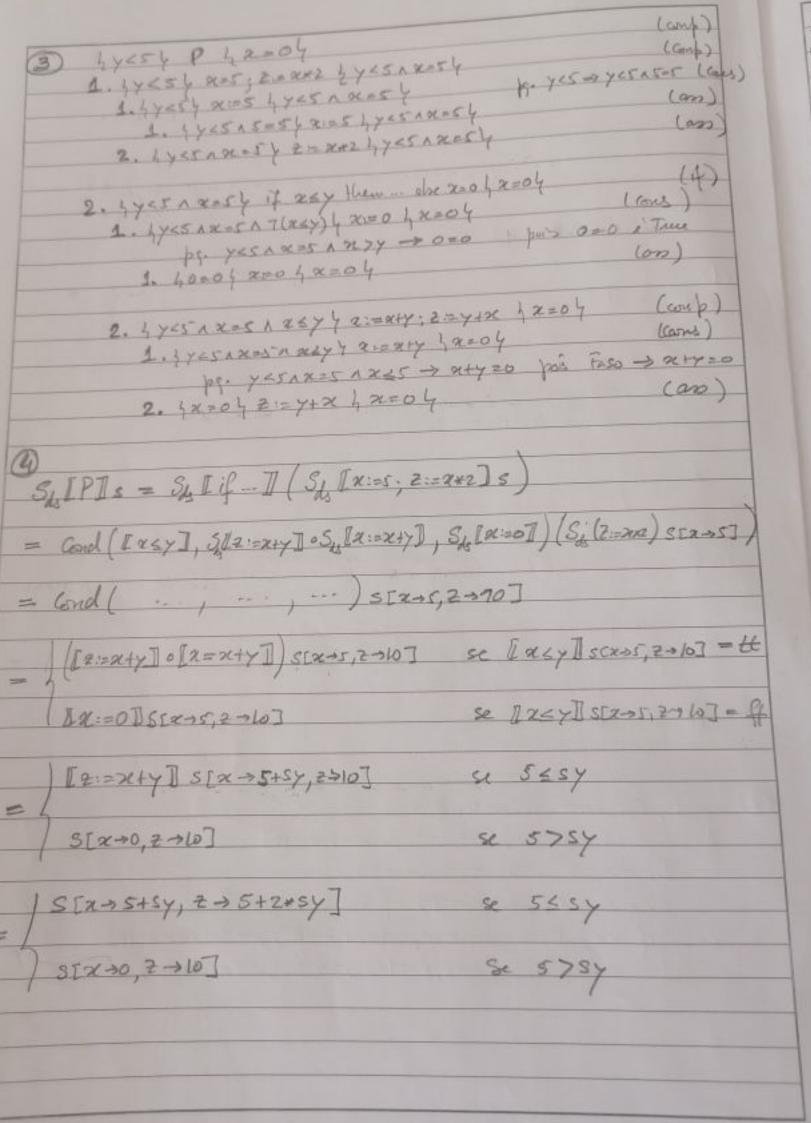


1º teste SLT 2021/22

## Universidade do Minho

(a) Unidade Curricular	
Curso Docente	
ALUNO (b) em//	
QUESTRO1	
P= 3 x:=5; 2 == x +2 2; if x < y thou bx:= x+y; 2:= y+x y else xx	
B 5 y = 10	
< P, 5> @ < 2:= x + 2; if, s (x > 5) >	
D < 17 , SEX-5, 2 > 10]>	1
3 CRIEXTY: 2:= YTX, S[x+5,2+10] >	1
=> (2:=y+x, S[x > 15,2 > 10]>	
⇒> S[x→15, 2→25]	
	-
$(ans_{2n}) = (ans_{2n}) = (ans_{2n}) = (ans_{2n})$	-
1	
(couple) = 2 = 5; Z=2 + 2   3) = 5 = = = = 2   3   2   3   3   3   3   3   3   3	
(053)	
(coupe) <2:=xx2, S[x-5]) => S[x->5,2+10]	
(Ht) = 5<10=th	
all the state of t	422
2) <p, 50=""> -&gt; So[x&gt;0, 2-&gt;10] (Culpu</p,>	
1. <2:=5, 2=2+2, 50> -> So[2+5,2+10] (confo	)
$1. < x = 5, s_0 > \rightarrow s_0 (x \rightarrow 5) $ (and	
2. < if x < y + le - else x :00, So[x+5, 2+10] (ony 2. < if x < y + le - else x :00, So[x+5, 2+10] >> So[x+0,2+10] (IIII	- 3
1. < x =0, So(x+5, 2+10]) -> So[x+0, 2+10]	)



QUESTÃO D

[4:5]

Liff27

Eiff 3]

2

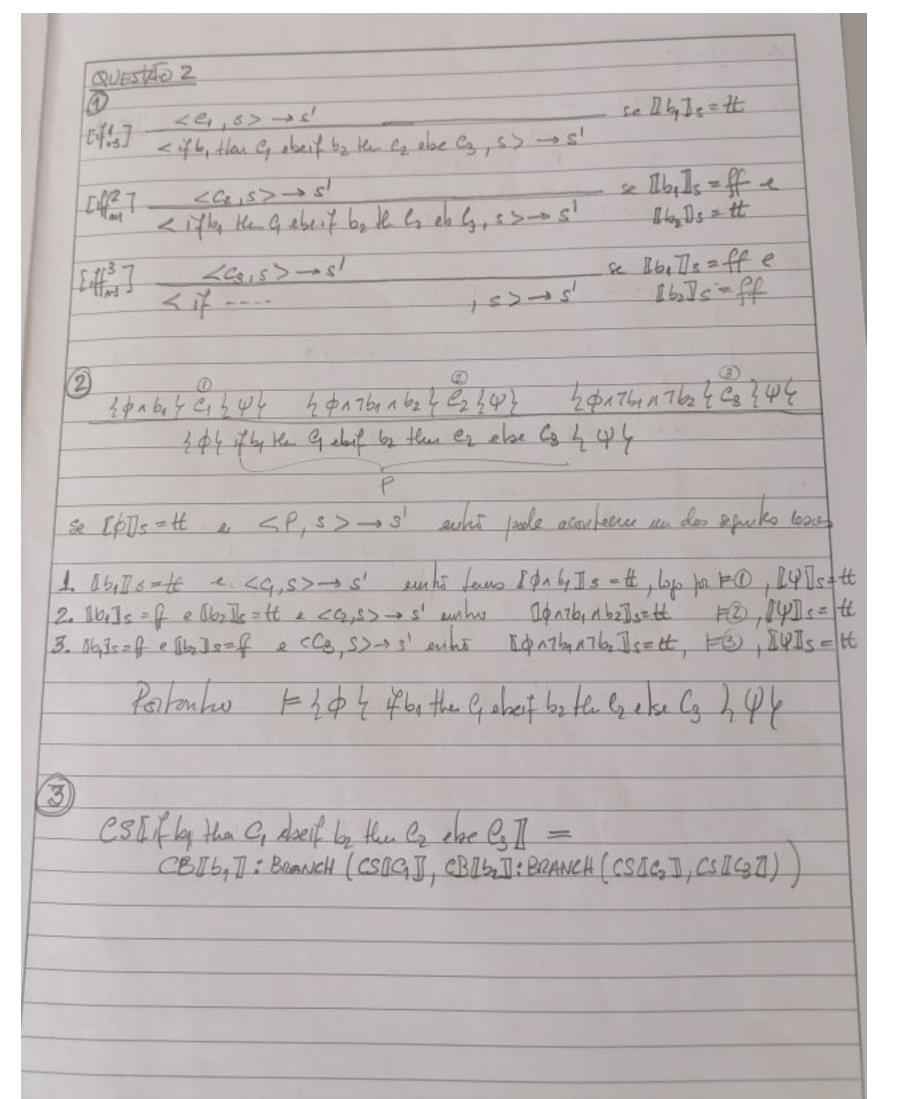
1

se I

2. 1

3. 1

3



QUESTAO 3 Asgn (c) c) = Asgn (c) UAsgor (c) UAsgn (c) UAsgn (c) Aign (While & do C) = Agrica (C) & <C, s> -> s' e a E Asm(C) entre sx = s'ac lució me demaso de «C,s» < 5/2 / 5> > 5 / 10 /0 SX = 5x teus SX = SLyslad, J or e x & Asgn (C1; C2) Jenus <€,8>→8" e <€2,8">→8"
(4) teenes x & Asm(G) e x y Asyn(G 3+5, por HI, teres 5x = shox 1 sopo 5x = s'x
4+5, por HI, teres 8"x = s'x