LARISA- 24/

2 Examen ?

1) f'=UNARA; "p"-BINARA UNARA; "g"=BINARA; X,Y, 3 = VAR. DISTINGE +×[p(f(x)) vg(x, f(x))] → [] yp(f(y)) ∧ + & g(2, f(2)) | H 4x[7[p(f(x))vg(x, f(x))]v[3yp(f(y)) ~ \delta g(2, f(2))]] # $\forall x [[Tp(f(x)) \land Tg(x, f(x))] \lor \exists y \forall a [p(f(y)) \land g(a, f(a))]]$ # $\forall x \exists y \forall a [[Tp(f(x)) \land Tg(x, f(x))] \lor [p(f(y)) \land g(a, f(a))]]$ # $\forall x \exists y \forall a [[Tp(f(x)) \lor p(f(y))] \land [Tp(f(x)) \lor g(a, f(a))] \land$ 1 [79(x, f(x)) V p(f(y))] N [79(x, f(x)) V 9(2, f(2))]

Trubuie sa inlocuiese fiecare variabila care are (7) in EXA EXE YA R EAAA R i=2 \Rightarrow i-k j=2 $\}$ |=2-1=1=2 infocuiru $y \in Var$ en functia unarā Skolenu k, ce depinde de $x \in Var$, ce o precede. Luci, $z = \forall x \forall 2 [[\tau p(f(x)) \lor p(f(k(x)))] \land [\tau p(f(x)) \lor g(2, f(2))] \land [\tau g(x, f(x)) \lor g(2, f(2))] \land [\tau g(x, f(x)) \lor g(2, f(2))]$ TORMA CLAUSALA={\(TP(f(x)), P(f(K(x)))\), \(\TP(f(x)), g(\frac{1}{2}, f(\frac{1}{2}))\), \(\Text{TP(f(x))}, \frac{1}{2}(\frac{1}{2})\), \(\Text{TP(f(x))}, \text{TP(f(x))}, \text{TP(f(x))}\), \(\Text{TP(f(x))}, \ · {7g(x, f(x)), g/2, f(2))} → UNIFICA prin {x/2} » clauda brivia. là, deci o égnoram.

 $\{P(f(x)), P(f(k(x)))\}, \{P(f(x)), Q(2, f(2))\}, \{P(f(x)), P(f(k(x)))\}\}$ $= \{P(f(x)), P(f(k(x)))\}, \{P(f(k(x)))\}, \{P(f(k(x)))\}\}$ =) usec) [[] () [] () [] () ANTE-15/20/VIOLE ANTONIONAL SAME OF THE STATE OF THE STAT VICELTED BANKA DE LINE TO THE TENT OF THE 1 [19 (x) / (x)) V p(/ (y)] N [19 (x) - ((x)) V 9 (2, +(2)) Jacuni Da Molocurise Historia Vishicibila Care une Eller MAXEXX = CANOXY - 2 mont no rop/3/ mimoeyyy @ T = T - 8 = 1 8 = 1 / - 7 = 5 = 1. Tely size V(x)-xize TA Waxani q vivi Ta resta cuaresta distilia di la ficola) di la filma di sola di s 1.50x7 (x1) 61 fresh 1/2 1.50x (x1) 51 5 (x1) 51 5 (x1) . Tolky fool, gray frage & unitrica print (X/s) & characa travia कि कर्ट होंद्वरल्या

-LARISA -241 2) are (iou, electronice, vechi). are (intel, electronice, vechi). are (intel, electronice, noi). recicleasa (mircea, electronice):- are (cinveva, electronice, vechi). repara (mircea, electronice). Curepara (P, electronice): - aré (P, electronice, vechi). recicle asa (P, electronice):- are (P, electronice, vechi). Vinde (P, electronice):- are (P, electronice, rioi). Produce(P, electronice):- recieleasa (P, electronice). fabrica (P):- produce (P, electronice), Vinde (P, electronice). electronist (P):-produce (P, electronice), repara (P, electronice). persoana (p):- recicleasa (p, electronice) Toate predicatele de gernel "arelion, electronice, vechille que forma clausala e fare (ion, electronice, vechille (pe vine maile). ·Pt. cell de formea, reci (m, e):-ave(C, e, v) => > (4) C are(C, e, v) > reci(m, e) H (4) C Tare(C, e, v) V reci(m, e) > 2) forma elandalà 2) 7 are (C; e, v), ruci (m, e) 4

· Presentari; recicleasa = réci; repara = rep; europara = z cump; vinde > vinde; produce = pro; fabrica = fa; electronixt = elec; personna = pers.

