LARISA- 24/

2 Examen 2

1) f'=UNARA; "p"-BINARA UNARA; "g"=BINARA; X,Y, 3 = VAR. DISTINGE \x[p(f(x))\vg(x,f(x))] > [] \p(f(y)) \ \ \ \ \ g(2,f(2)) \ \ \ \ YX[T[p(f(x))vg(x,f(x))]v[]yp(f(y)) N \2g(2,f(2))]] # 4x = y +2 [[7p (f(x)) / 7g(x, f(x))] v [p(f(y)) / g(2, f(2))] # Yx] y 42 [[7p(f(x)) Vp(f(y))] / [7p(f(x)) Vg(2,f(2))] / 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 XA = EAA FEXA i=2 \Rightarrow i-kj=2 $\}/=2-1=1=2$ infocuiru $y \in Var$ en functia unarā Skolenu k', ce depinde de $x \in Var$, ce o precede. Luci, $z = \forall x \forall z [[\tau p(f(x)) \lor p(f(k(x)))] \land [\tau p(f(x)) \lor g(z, f(z))] \land [\tau g(x, f(x)) \lor g(z, f(z))] \land [\tau g(x, f(x)) \lor g(z, f(z))]$ TORMA CLAUSALA={TP(f(x)), P(f(K(x)))}, {TP(f(x)), g(3, f(2))}, {Tg(x, f(x)), g(3, f(2))} · {7g(x, f(x)), g/2, f(2))} → UNIFICA prin {x/2} → clauda brivia.

 $\{ P(f(x)), P(f(k(x))) \}, \{ P(f(x)), Q(2,f(2)) \}, \{ P(f(x)), P(f(k(x))) \} \}$ $= \{ P(f(x)), P(f(k(x))) \}, \{ P(f(x)), P(f(k(x))) \} \}$ $= \{ P(f(x)), P(f(k(x))) \}, \{ P(f(x)), P(f(k(x))) \} \}$ $= \{ P(f(x)), P(f(k(x))) \}, \{ P(f(x)), P(f(k(x))) \} \}$ $= \{ P(f(x)), P(f(k(x))) \}, \{ P(f(x)), P(f(k(x))) \} \}$ 6 VILLE STAND VIOLY HADING TARE STANDED TO THE TOTAL VIEW TO A BUT A BUT A STATE OF THE STATE OF VICINES ENGLANDED VILLE SAVENA 1 Tolky (x) V or (y) I of (x) [29(x, 1(x)) V 9'3, 1(2)] Julius Di Mesensisc Tiscons voricibile Care une Ille πε πικού εκεβεπι χ, α σερίνιαι ομ χενων, οι ο εποσά ειώ, >= +κ+&[[-ρ]-(κη)νρ]/(Κ(κη))]Λ[-ρ]-(κη) γοίε, +(ε)]]Λ ειώ, >= +κ+&[[-ρ]-(κη)νρ]/(Κ(κη))]Λ[-γρ]-(κη) γοίε, +(ε)]]Λ THE MENT A CONTRACT OF THE PROPERTY OF THE PRO TOSME CLAUS STEEN THE CONTRACTOR CONTRACTOR TOSME tient as for hand the month of mot xions Total fixth of a feath of unities principled a colour sa feath LE 'all of Light entire

LLARISA -241 2) are (iou, electronice, vechi). are/intel, electronice, vechi). are (intel, electronice, noi). recicleasa (mircea, electronice):- are (cinveva, electronice, vechi). repara (mircea, electronice). Cumpara (P, electronice): - aré (P, electronice, vechi). recicleasa (P, electronice):- are (P, electronice, veeli). Vinde (P, electronice):- are (P, electronice, rioi). Produce(P, electronice):- reciele as a (P, electronice). fabrica (P):- produce (P, electronice), Vinde (P, electronice) electronist (P):-produce (P, electronice), repara (P, electronice).
Persoana (P):- curupara (P, electronice). persoana (p):- recicleasa (P, electronice) Toate predicatele de gernel "arelion, electronice, vechille que forma claudala à fare (ion, electronice, vechille (pe vine maile). ·Pt. celé de formea, reci(m, e):-au(C, e, v) => > (4) C are(C, e, o) > reci(m, e) H (4) C Tare(C, e, v) V reci(m, e) > 2) forma claudalà 2) Tare (C; e, v), ruci (m, e)4

· Presentari: recicleasa = réci; repara = rep; europara = 2 cump; vinde > vinde; produce = pro; fabrica = fa; electronist = elec; personna = pers.

spers (cine) I reciclea 2a (Peledronice), pers (P) 17 cump(P, electronic), pers(P)? JP/cine & P/Cine} Trecicleaso (P, electronice 17 europ (P. electronice) { Tare (P, electrosico, vechi), treci (mircea electrosice)} Tare (P, electronice, vechi), eurup (P, electronice) SP/mirceas Tare (P, electronice, vechi) [Tare (P, electronice, vechi) fare(intel, el, ve)} [are (iou, electronice, vecki)] Sare(intel, electronice, vecki) farelion, elv)} A/intel? P./ioul sol = { cine/mitceay sol = { Circe/ione} 5ol - 1 cine/intely sol = { cine/mireca} Trace (P, electronice, vecks), reciffelies [7 are (P, electronice, vecki fare (intel, electronice, nechi) arelion, electronice, vechily Descriptions