## UTKARSH JAIN 55992915 Data: 28/9 /20) Page No. Ouiz 01 p q pvq pnq pvq->pnq 0 0 0 0 Q(n) -> n+1-2n O(-1), puting (-1) in place of n -1+17(1-1).2 0 7 -2 : O(-1) evaluates to TRUE 2 40(n): Testing with n=3 476

02 E)

: Youn evaluates to FALSE

Negation of Unl ((n) -> (D(n) 1 E(n))) 03

- An (CO) -> CD(n) n E(n) ))

= In 7 ( ccu) -> (D(n) 1 E(n)))

= In ( ((n) A T(D(n) A E(n)))

= In ( ((n) 1 ( 7 D(n) V7E(n)))

Final populion with only I regation sign:

3 n (ccn) 17 (D(n) 1 E(n)))