Problem 2:

(2.1

C = A V B

CI= XVBVG

Since C, has G, C2 should have TG In addition to this it may have A or B or bothor home

... Possible values of C2 arc

(iv) C2 = -1G

(2.2)

 $C = R(B, x) \vee P(x, A)$

C1 = S(B,y) V R(z,z)

Since C, has S(B,y), C2 should have $\neg S(B,y)$ through some substitutions

.: Possible values of C2 are