



Working method no. of non-regative subgral sol = 5 Cos in the LKS no. of the integral sol, i.e. x, y, z >1 $\chi + y + 7 = 3 =)$ $\chi + y + 7 = 0 = 2$ & Alter, multinomial method, no: of non-vegative integral sol = coeff of x^3 in $(1+x+x^2+...)(1+x+x^2+...)(1+x+x^2+...)$ = coeff of x^3 in $(1-x)^{-3}$ = 3+3-1 = 5 (= 53) no. of tre integral soln -(oess of n^3 in $(x+n^2+...)^3$ =600f8 of n^3 in $n^3(1-n)^{n-3}$ - 1426 (oess of n^3 in $(1-n)^{-3}$





