







Overall Time Complexity =

Similar to Question 5, Aus 6 All the loops are indépendent Ti=n, Tg=log2n, Tx=lo Overall Time Complexity = Tix To XT = 0 nx(log2n) Aus 7. n operations n operations n operations n operations L) expansion of log n X logn Time Complexity =

Ans 8. Bothe the loops are independent Hence we need to find their time complexities individually and multiply them for loop ?: 1tk Itak Itak ...

Overall Time Complexity = nxk