Ex. 2 fen = \( \int a; (x') a) Draw the binary tree model · also an instruction/ \$ 10 Ramons big tree his a width of 10 therfor 10 processors is the nost efficient. a) Maximum speedup can be achieved with two  $T_3(n) = 12 = 1+10+2$   $S_p(n) = \frac{12}{7} = \frac{1.71}{1}$ W=10  $T_{\rho}(n) = 1 + \frac{10}{2} + 1 = 7$ b) 10 processor  $1+\frac{10}{10}+1=3$ ,  $S_p(n)=\frac{12}{3}=\frac{4}{3}$ d) Serial 5 instances: 5. 12 = 60; Max speedup: 80 (4) = 60 = 1.71 Part -11 - : 5.7= 35 1200 = 1.71 e) 7.100 = 700