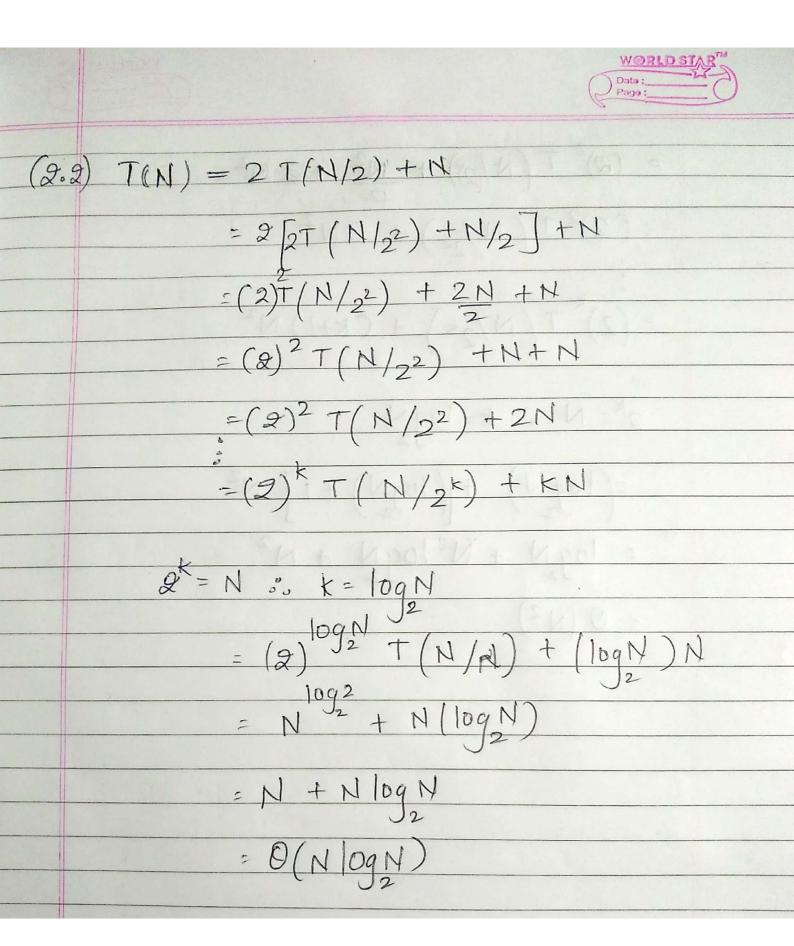


(2.1)	TION - ATIMAL IN
1	T(N) = 4T(N/2) +N
	= 4[4T(N/22) + N/2]+N
	$=(4)^2T(N/2)+4N+N$
	$=(4)^2 T(N/2^2) + 2N + N$
	$=(4)^{2}T(N/2^{2})+3N$
	6 48 4 2 9
	= (4) * T(N/2*) + (k+1) N
	2 = 2 = N
	100 N = 109 N
	$= \frac{\log N}{2} \frac{J^2}{T(N+1)} + (\log N+1) N$
	$= N^{1092} + N^{109}N + N$
	= N + Nlog N + N 0 0 0 109 4 = 2
	$= O(N^2)$



*	
= (2)27 (N)2) +2N2+ N2	
(1/2-) (1/2)	
· &[7T/21/27/422/422	
T(N) 1 2T(NS) + N	(2.5)

