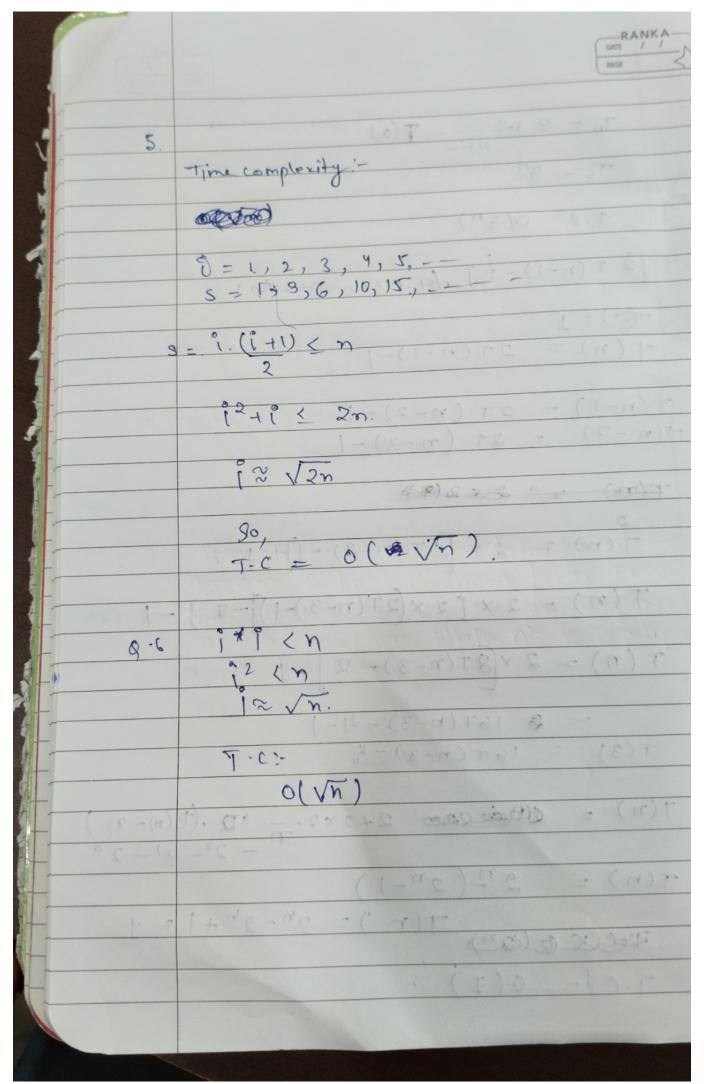


Tn = 9. 3.3 -- - 7(0) Tn = 3" T.C = 0(3") 0.3 2 T (n-1)-1] for noo, atumises. +(n) = 27(n-1)-1 T(n-1) = 2T (n-2)-1 f(n-2) = 2T(n-3)-1P(0) 20 20 20 1 $T(n) = 2 \times [2T(n-2)-1]-1$ T(n) = 2 x [2 x (2T(n-3)-1)]-1]-1 T(n) = 2 × 8 T(n-3) - 2 -1 - \$ 16T(n-3)-4-1 T(3) = 16T(n-3)-5 $T(n) = 2 + 2 \times 2 - \frac{1}{2} \cdot (1 \cdot (n) - n)$ T(n)= 2n-2n+1= 1 $\tau(n) = 2^{n}(2^{n}-1)$ 7.0 = 0(1)



	DATE PASS
7.	Coor outer 100 p run - n times
	And.
	T.c of nested leops - O(logn)
101	So.
	T.C = 0(nlogn).
8.	
0,,	function (int n) {
	it (n==1) return;
	-(or (i=1 ton))
	for (i=1 ton) {
-	point (**);
-	3
> /	y
o Moh	-function (n-3); I(n/3)
> >	nogto while rainte of test-of Assert
	5 Ct- 8 (n3).
	7-c = 0(n2) + T(n13)
1	
5	
5	
5	
6	

