Nos.		N A
01		AW
Ans	1) Asymptotic Definition	
	function is trading to one aris	
	2) Asymptotic Definer that a function is tending to one axis you (an Say like it is a limit trample or Asymptotic Function Could	
Marca	2) Asymptotic notation in para Structures one 15 1 to 0	
	View Ci	
	time Complexities or your	
	21071	
	complexity i.e time	
	execute a particular algorithm or	
	Code.	
	4) The denotions or Best worst	
	O(BIGO) UT WOXF	
	DU+ C	
	O (theta) - Average (ase.	
,		

	3	
Question Nos.		Marks Awarded
	5) But In data structure we	la.
	Always Consider that What is	
	the wort Case or An Algorithm	^
	or Code that define that how	
	Much Computational power Computer	
	Consumer to Execute.	
	int Count =0	
	for (inti=0; i < n; i++)?	
	Lount ++;	
	3	
	In this Code the loop has	
	time complexity of o(n) and the count variable updation	
	the Count variable updation	
	has 0(1)	
	Time Complexity = O(n)	
	(7)	
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	(n!)
A	This is an increasing order (growth <	(nn)
, ,	This is an increasing order (growth < 1)	
	0 1 0 (11) O(n)	
	2005	
	70(10gm)	
		<u> </u>
	$\rightarrow o(2)$	
	<i>*************************************</i>	
		A STATE CONTRACTOR AS A