







	Page No. Date
QI	allow us to analyze an algorithm own to re delay indentifying is behavious as the input e se of alassi in.
7	allow us to analyze an algorithm rung of ne
	delay identifying is behavious as the input es of
	algoli m.
•	Types?-
1)	Bigo: - It is commonly used for worst care, and gues us upperbond for the growth rate of unrue of algorith.
	of alsoun.
	ea :- O(n)
2)	Eig Omega: - Provides asymptotic lower bod. The inta: Tight bound or the growth rate of
3	theta: Tight bound be the growth rate of
1	suentir of also.
7	Small: It is eved to denote the upper brond.
	(de not asymptotically tigus)
	Ma)= 0((a(m)) 7 1(m) 2 a (a(m)) -
LET'S L	f(n)= O((g(n)) \ \ f(n) < c (gm) -
5)	Snall Onegg: To demote long bord
1/	
(1) 20	
	Theution sod>
-)	Iterative
	insection (intarort), intr)
	4
	for(i=1; ixn; 1++)
	intral = arit :.
	hib (j7082 acj-19 > val) {all = acj-19;
	q 1
	2417-121-47

