## mir hossain cs477 hw1 problems 1-5

5 5 5		HW #1 85 474
-		CHIDADELLAN (2)
51.54575353	19	List Functions in Increasing Growth
1	20	middling appoint a count appoint it
80	(A)	519(n+100)" ) Order for by
~	5 B)	350
4	Giont	Inon (O(1) < O(1) < O(n) < O(n) < O(n) (o(n) o(n)
	a)	-00/n"+3n3+2 < 0 (n°) < 0(cn) < 0(n!)
-	3(6)	220
2	\$ (1)	3" SET LOCATE PAR CO
-	<b>E</b> (9)	(n-z)' {
-		9 fz(n) < fo(n)
-0-	22	Donnelling Town of 1985
5	2.)	Find correct © notations for the expressions
	10	DOUGH: COLL STORY STORY STORY
2000	1/	Order: O(1) < O(10g h) < O(n) < O(n log n) < O(n l) <
-		O(cn) < O(n!)
5	10	2(Log(n) + 4n + 3n2 Log(n)
5	(A)	12 order for dominately term
		Login > < (n) < n2 login)
-		12 Dominating Term 15 (12 log(n))
	100	The state of the s
	(B)	$6n^{3}\log(n)+4)+(10+n)$
10	V-)	=60 m3 109(m) +6n4 Log(n) + 40+4n
7	tog(n)	: n < n > (n)
-	W V	& Dominetry Term 15 (n' Log(n))





