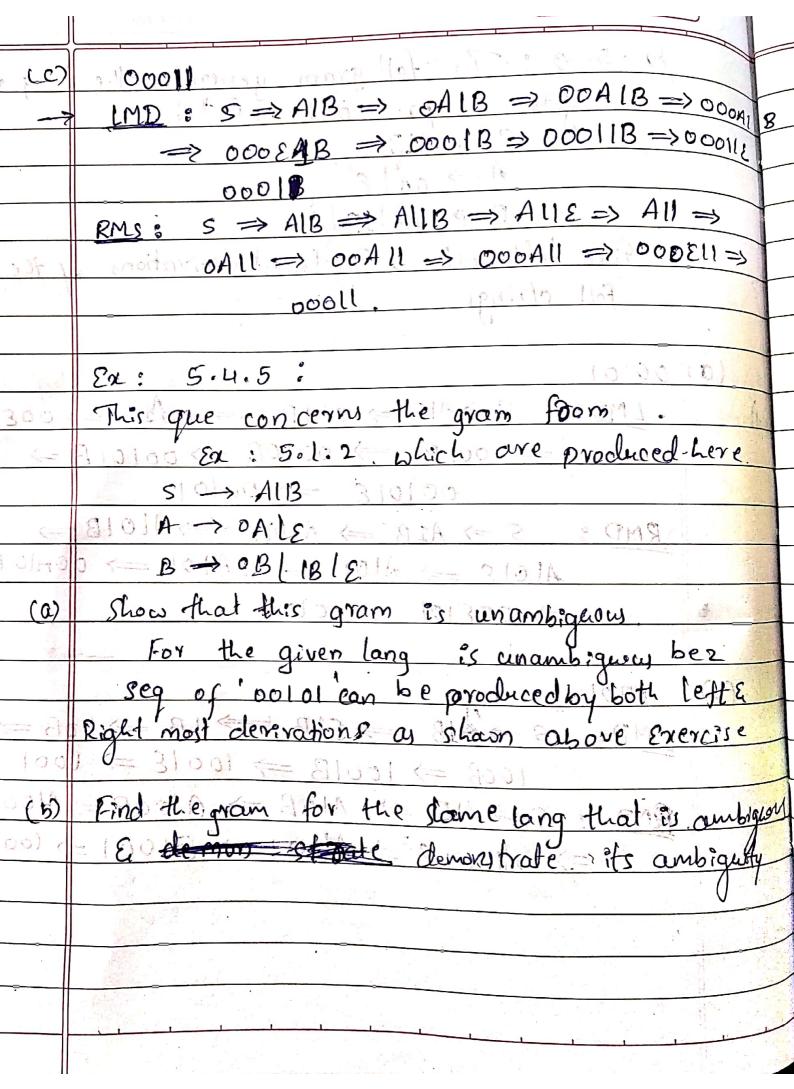
	Date: / /	
- in	Page No.:	
	and the same of th	
1.00		
	1) texting (1) many 0's as 1's	
(IN	The set of all strings with terine as many 0's as 1's	
>		3
	V= 15} amorp with replace (5)	_
	T = {0.1}	
	S = { S }	2
	$P = \left\{ S \rightarrow S1SOSOS \mid SOS \mid SOSOS1S \mid \xi \right\}$	1
(ia)	Set of all strings of a's & b's that are not a's & b's	5
	that are not of the form ww (w string repeal	ed
	G = (NTIPS) 10 - 2 7 9	
	v = { s, A, B}	
	T = {(a,16) (10) 1+ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	5 = Start symbol (2971)	
	P = {	
	S -> AB BA AB	
	A -> aAa   aAb   bAa   bAb   a	
	B -> aBalaBb bBa bBb b	
		1
$+\!\!\!+$	7190 to 0	1
	3/05/58/ 3	1
	3/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	
		2

Date :	1	1	
Page No.:			

Ex: 5.1.2: The foll gram generales the long of regular  $\mathcal{E}_{xpr}$ .  $0^{*1}(0+1)^{*}$ :  $S \rightarrow A1B^{1}$  $\begin{array}{c} S' \longrightarrow A1B^{1} \\ A \longrightarrow OA^{2} \mid \mathcal{E}^{3} \\ P \longrightarrow A^{2} \mid \mathcal{E}^{3} \\ \end{array}$ e nu B→ ogligle. Pive left most & Right most derivations of the foll strings (a) 00l01 · LMD: S => ALB => OA1B => OOLB => OOEIB 699000 → 001B → 0010B → 00101B → 001018 => 00101 RMD: S >> A1B => A10B -> A101B -> Alole - Alol - OALOL - OOALOL 1000E101 =>100101 +0.00 (0) to the given lang of remonit agent LMD: S => E1B => 1B => 10B => (b) 100B → 100B → 100E → 1001 BMD : S => ALB => ALOB => ALOOB => ALOOB => A1001E => A1001=> (001



	Date: / / Page No.:
=>	The gram that is ambiguous for this long : 00/01
	Wing gram and land
	S -> (ALB) mand bornol/ Condings to
	$A \rightarrow 'DA \mid \mathcal{E}$
1 W	13 B => 18 8: - 11 - 1 3 (TM)
KY 3	-++ (= +x- (Exy => ++-
	LMD & S AIB => OAIB => OOAIB =>
	00 E 1B -> 00 1B -> 00 1 1B -> 00 11E
	→ 0011 and goth wills
	RMD & S >> ALB >> ALB >> ALE =>
	A11> 0 A11 -> 00 A11 -> 00 E11
	=> 0011 j
	Henre es ambiguous.
· = 1 · ·	It is not possible to gen oolol.
To - Gas o -	~ * /1
	Ex: 5.4.7
	The foll gram gen prefix dexpr with operands
	2 & y & binary operators +, -, & A:
	E -> +EE   XEE   -EE   x   y
(a)	Find the LMD & RMD & a derivation trèe font
5.7	word the retring: +x=xyxy = = +x=EFE
->	IMD : +EE = +x-EEE = +x-EEEE
	rada -> ++ TXCCC -7 in A File
	-> + x2yay avodo novode lo
- 14 No. 14 No.	

