

	TDC - Assignment							
92)	context-free Grammar(G) generates all strings of balanced left and right parentheses.							
	parent in the second	U	P	C)	~ /			
	Construct a stack Machine(M) for it.							
SH:-	Context-Free Given	nmay:-						
	the requirements	Azitos no	has to east	tinesse, it	ed at mommer	8 0 501	~ 62	
21.18	commune marija . Som	(2) e	RIGHT LINES	Ger Samo	LINEAR GRA	PAL IN		
A-M-	J-T011 S-	> 6			economose merid	ont to		
	Now, the stack							
	THE SHOP		egrimus mi					
	read	· ·	push					
	6.	5	(s)	V				
	6			· mul	gtavernes	man 901		
	<u>C</u>	C	U	TO	,		7	
	```		E		67			
		J						
					-2			
		U	Type		iomimolo 2011			
Q3)	Cordext-free Girano			age of pali	ndsomes over	tabs		
	Construct a stack	machine (	M).					
	dusion that	to Has cen	cam carro	proofs we	Dith the above	STON		
-: H2	Context - Free G	Lowwood :-	- how you b	istoroming so	gaugnal ont we			
					SOEMLI-NON			
	s → asa							
	S -> bSb							
	S→a							
	2 → b						)	
	S→e							

DUIK MA 1-	The same of the sa	antext free Grunnmast is given believe the	25
Stack Machin	e is ac	belaw:	
		S + 6 loslit	~-162
2609	- bob	push silto et	The second second
6	S	asa	1 .
. <b>e</b> p; y	wroS.c.		
<u> </u>	S	notists but you totalency appropriate and	
<b>6</b> 2, 4	9.S		
C	S	Strings of 03 and 13 10th endn	
		E	-
	a_	Represented on:	
is divens	- 01 p. 19	L= { =/xe(o, o) one redm	
S->OB/IA			
$A \rightarrow 0/05/1A$ $B \rightarrow 1/15/0B$	<u>B</u>		
B → 1/15/0B.  This epammase  note that it;	gensates, just conta	strings with equal number of 0's and 1's, ins 0's and 1's and nothing else.	usith_u
B → 1/15/08.  This egammase  note that it;	gensates, just conta	strings with equal number of 0's and 1's, ins 0's and 1's and nothing else.	with .
B → 1/15/08.  This egammase  note that it;	genorates, just conta cam be	ins o's and i's and nothing else.	

1	Context-free Grammase is given	below. Long	t langua	ge does it gen	mate ?
+	S- Glos/IT				
-	T → OT/IS			N.S.	
	The language generated by	the given	ejeanno	w is -	
-	Strings of o's and i's u	sith even i	rumbesi	ey 1s.	
-		2 ;	2		
	Represented as: $L = \{ x/x \in (0,0)^{+} \text{ a} \}$	md Koumt	el is to	I IS EVEN 3	
	**************************************	شك خودار	111.40/00	NE DURA TANK	
		L. C. MK	and w	i grani ii.	A.
				A . 8 . 5 . 2	- 67
-		10		A - OP A	
į.					
-				20 m = 3	
				350 ¹³ . 6 9	
					10
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	a din in promoto pro	ina april		9 863 42	.T.
		33 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- C. 252 - 32	9 863 42	3
		<u> </u>		A rearrange	
		Ann and an		A rearrange	
		e harring		A rearrange	
		e harring		A rearrange	
1-		e harring		A rearrange	