May			V	
WEEK 20	March 2020 M 30 2 9 16 23 T 31 3 10 17 24 W 4 11 18 25	April 2020 M 6 13 20 27 T 7 14 21 28 W 1 8 15 22 29 W	May 2020 4 11 18 25 5 12 19 26 6 13 20 27 7 14 21 28	
	W 4 11 18 25 T 5 12 19 26 F 6 13 20 27 S 7 14 21 28 S 1 8 15 22 29	W 1 8 15 22 29 W T 2 9 16 23 30 T F 3 10 17 24 F S 4 11 18 25 S S 5 12 19 26 S	7 14 21 28 1 8 15 22 29 2 9 16 23 30 3 10 17 24 31	3
12 Tuesday 133/233	0 1 0 13 22 23	5 5 12 15 20	3 10 17 2. 3.	1
8.00 am				CHI
Question #02 8.30 BSB B E				
9.00		N.I.	- T	
Rule 1 => Add new start	01.10			F
-	- 7-teac			F
50-7 B 10.00 B -7 BSB B E				
B → > 00 E				177
10.30				
Rule#02 = Remove lambde	a Production			
So -) S/E #(on	ily can add with s	tent strike)		
0	BIBB			
Rule # 03 => Remove Unit	Production			1
12.30 # Remove B				10
30 ~ 3 E 1.00 S − 7 B S B 00 B S	I CO IRR	-		
B -> 00	120 100			6
1.30 # Remove S				
$S_0 \longrightarrow BSB 00 BS $				
2.00 S —> BSB\00\BS	178100			
2.30			, •	
Rule # 04 = Vt Replace	with t			No.
3.00 So -7 BSB CC BS	I SRIRRIC			F
> Q C Q A C B	SISBIBB			
3.30 S => 133BT (CT 0				
c 7 ()	Δ.			
Rule # 05 -> long kub (COLARIS			
Pule # 05 -> XB CC BS 4.30 So -> XB CC BS	SBIBB			- 1
5 -> XB (C 103)				

5.00

6.00 pm

CC

0 B5

WEEK 21

144/222 Saturday 23
8.00 am Question #03
Prove that forwing languages are non-EFL
$L1 = \{o^n b^m a^m \mid n, m \geq 0\}$
9.30 Let L1 is CFL and Assume that there (outd be CFG in CFN
10.30 Novd - Un bmam
11.00 - gaagaaa bbbbbbbbbbbaaaaaaa
11.30 auaq aua bbbbb bbbbb A aaaaaaaa
Noon
Now pumping the word in UV2X y2 Z
1.000, = audu aua aua bbbbbbbbbbbbbbbbbbbbbbbbbb
1.30 Still WI is the part of the language LI
2.00 Hence Prove WI is CFL
$\frac{2.30}{b} La = \frac{3}{3.00} n_{3.00} n_{3.00}$
let L2 is CFL and Assume that there 3.30 Could be CFC1 in CFN
4.00 L2 2 a b a m
4.30 W2 pagadamaca bbbbbbbbbbbbaaaaaaaaa
5.00 X Z
6.00 pm

May

WEEK 21

	M	arc	h 2 0	20			Α	pril	202	20	
M T W T F S	30 31	2 3 4 5 6	9 10 11 12 13 14	16 17 18 19 20 21	23 24 25 26 27 28	M T W T F S	1 2 3 4	6 7 8 9 10	13 14 15 16 17 18	20 21 22 23 24 25	27 28 29 30
S	1	8	15	22	29	S	5	12	19	26	

	Ν	1ay	202	0	
M		4	11	18	25
T		5	12	19	26
W		6	13	20	27
T		7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30
S	3	10	17	24	31

24	Sunday	
	Sungay	145/221

Fid al Fitr^ Hari Raya Puasa (SG**)

8.00 am
8.30 What happen of we pump to word
u ·
9.00 W. aaaaaaaaa bbbbbbbbbb gaaaaaaaaa
9.30 W Z
10.00 U V X y Z
10.20.41
10.30 W = aaaaaaaaaa bbbbbbbbbbbbbbbbbbbbbbbb
11.00
N = N
11.30
(b) b= { a b c a m n, m z o }
Noon
A TENTH OF A MILL OF THE ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS AND ANALYSIS ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS AN
12.30 del Lz is CFL thouse (suld be CFL in CNF
1.00
W= aduada adag, bbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbb
1.30
2.00 U = ayaaaaaaaa
V = 1
$\chi = \gamma $
y - aua 9
z - aaaaa
50 0 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3.30 Now pump the word UV - Xy2Z
the second did do no block to the
4.00 W - auguadada nn bbbbbbbbbbb daaa daaa aaaaa u
130 After from ping W is still part of the
Language Hence prove the is
- TAIL CEL
5.00
6.00 pm

al Fitr^ Hari Raya Puasa Holiday (SG**) Spring Bank Holiday (UK) Memorial Day Holiday (US)	146/220 Monday 25
00 am (C) L3 = } (1 b) (1 1 i = j = 30)	· K
oo Jet L3 is PFL and (by Some CFG in CFL 30	ould be generaled
a a a a a b b b b c c c c c c c c c c c	
Now Pumping the word 1.30 W - a a a a b b b b b ccccc c c	
loon After pumping ui is not this language	
Hence givon L3 is non	-CFL
1.30	
2.00	
2.30	
3.00	
3.30	
4.00	
A 30	

Scanned with CamScanner

	J	une	202	20			J	luly	202	0			Au	gus	st 20)20	
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	2	9	16	23	30	Т		7	14	21	28	Τ		4	11	18	25
M	3	10	17	24	- 3	w	1	8	15	22	29	W		5	12	19	26
Ĺ	4	11	18	25		Ť	2	9	16	23	30	Т		6	13	20	27
1	5	12	19	26		F	3	10	17	24	31	F		7	14	21	28
S	6	13	20	27		s	4	11	18	25		S	1	8	15	22	29
S	7	14	21	20		č	Ė	12	10	26		2	2	Q	16	22	20

May

WEEK 21

140/226	Tuesday	19
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	140/226 Tuesday 19
8.00 am Assignment	
Question #01	
8.30 S-7 AB	
B-785/b	
9.00 A — CI	<u>'</u>
9.30 Word = abab	
10.00 S -> AB Live production used a times	
S¬ αβ 10.30	
10.30 S -> a B S S -> a b A B	
$\frac{3-7009B}{11.00}$	
s -> abab	
11.30	
1 Parse Tree	
Noon	
(5)	
12.30	
(A)	
1.00 (B)	
	1.
1.30	
(g) (g) (s)	
2.00	
(b) (a) (a)	
2.30 (B)	1, 1
3.00	
(a) (b)	
3.30	1 -0.44.0
4.00 (B) No, A is not self-embadad	because
96 Finel Ancestor we can't find	
4.30	
5.00	

May May 2020 4 11 18 25 5 12 19 26 6 13 20 27 7 14 21 28 1 8 15 22 29 2 9 16 23 30 3 10 17 24 31 April 2020 13 20 14 21 15 22 16 23 17 24 18 25 19 26 16 23 17 24 18 25 19 26 20 27 21 28 22 29 M T W T F S S WEEK 21 9 10 11 12 13 14 15 20 Wednesday 141/225 2 ષ્ઠ 8.00 am Divide the word (abab) into U.V.X.y.Z. and Isolate its triangle (s) When 9.00 S as self embedled 9.30 10.00 B 10.30 11.00 11.30 (b) Noon 12.30 (b) 1.00 ひっり V = ab 1.30 2.00 2.30 self embedded as 3.00 (4) 3.30 (b - ab 4.00 4.30 5.00 6.00 pm

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June 2020	May WEEK 21
7 7 21 20 3 3 12 13 20 0 2 3 16 23 30	142/224 Thursday 21
3.00 am	
3.30	
.00 (A)	
.30	
.00	
.30 B	<u> </u>
.00	
30 D = KI	
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