

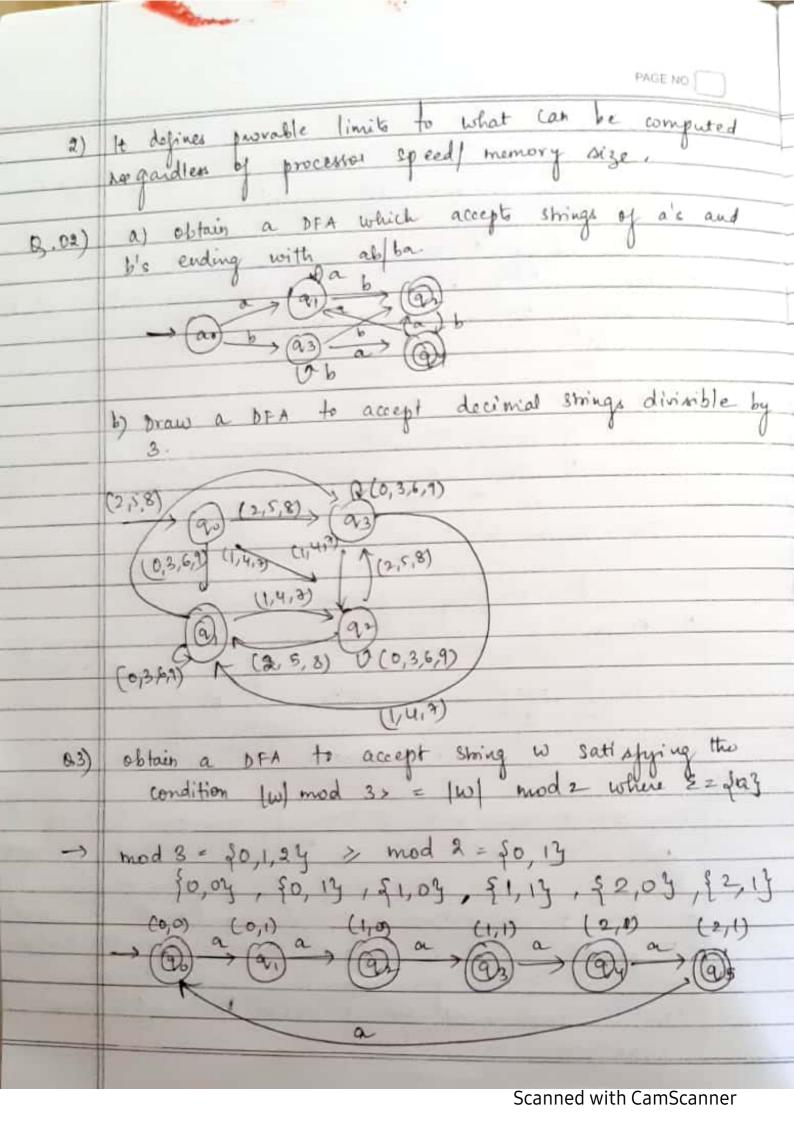
K.N.S. INSTITUTE OF TECHNOLOGY

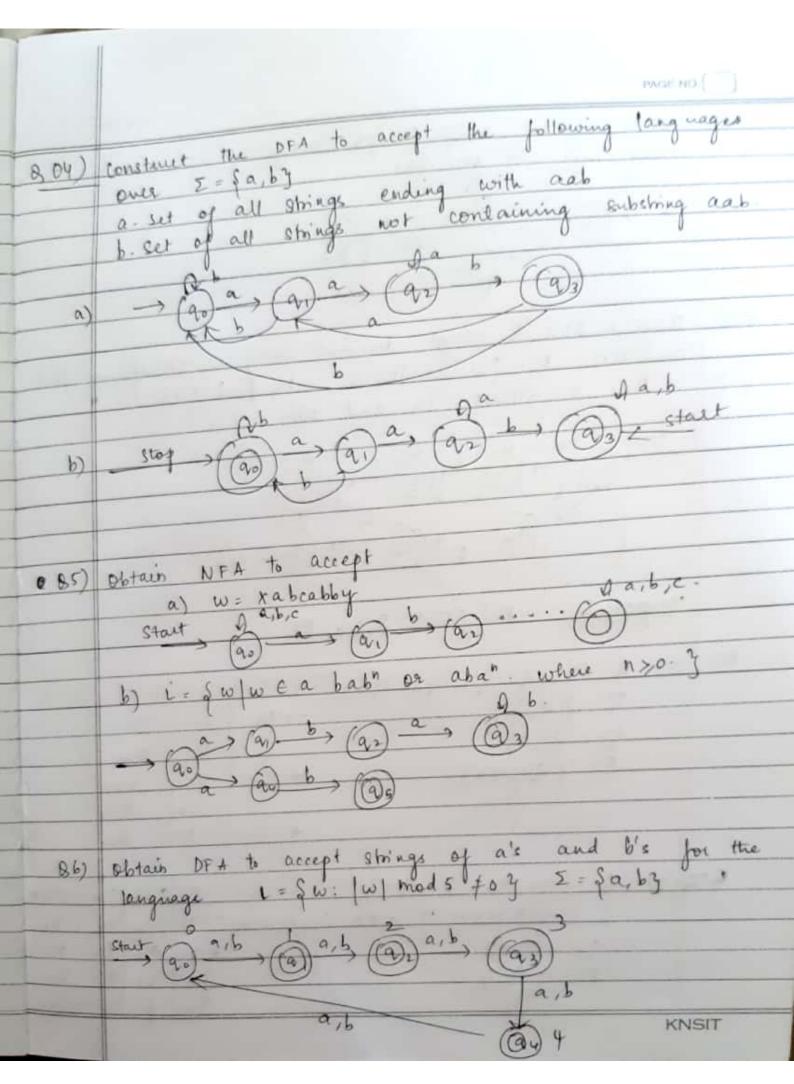
BENGALURU

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi, Recognised by Government of Karnataka)

ASSIGNMENTS / UNIT 1	rests / G	JUIZ BOOK
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A3.	SIGNMI	ENTS / UNIT	IESI	5/6	(UIZ B	OUN			
Name of	the studen	t CHANDAN	A · MA·	1P y A					
Branch :	cs	SESEM:	5	Section :A					
USN:	1 K	N 1 9	C	S	0 1	7			
Subject N	ame:	ATC	St	ıbject Co	de : 18 d	CS54			
Assignments	Date of Submission	Title & Description	C O No.	Maximum	arks Marks Obtain	Signature of Student			
I	4 12 21	Assignment -	1			C.Mandan			
II									
III									
Unit tests/ QUIZ	Date	Title & Description	C O No.	Maximur Marks	n Marks Obtain	Signature of Student			
1	4/12/21	CT-01	1			C. Mandaro			
II									
III									
IV	1								
V					a l				
Name of					Marks Obtain	/ 10			
Signatu of facu	ire lty				Signature (Of H.O.D			





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					-
67)	Obtain a DFA which accepts ending with ab or ba.	Shrings	of a's	PAGE NO.	2
	ending with ab or ba.) b		una b.s	
G.8) →	Draw a DFA to accept decimal condition L = Sw: na w > 1. That is atteast la and	al string hb fu	ω ς. υ \ = 2	atisfying 2	the
	Start a a di b da b a b a b a b a b a b a b a b a b	9 a (93) J b (96) 9 a	15		
	componento: M= (0, 5, 8, 90,	F)			
8,02.	170,71,72,93,949	S =	a	b	
	2 = { a, b3}	→ 9°	91	9/3	
	F = { 92,943	* 9,2	94	93	
		4 94	94	9/3	
		* 14	-01	1 92	
808	b) Q = {90,91,92,933 E = {(2,5,8),(1,4,7),(1,	0,3,6,9)	S= 3-90 +91 92	(2,5,8) (1,4,3 23 22 21 0	91
		Scanr	ned with	d Squa	1493 ner

								PAGE NO	3
	94,953	8	1	a					
003.	B = {90,91, 92, 93,94, 953	+ 90		9	1				
	2 :) ay	-> 91	-	9	2-				
	90=1913	* 92		2					
	q = 5 qo, q 2, q 3, q 4, q 5 }	* 94	-	°V		-			
		* 95			20	1			
		C	=	2)	b '				
6,04)	a) B= {90, 91, 92, 939	-> 90	a		20				
6501)	E = \$ a, b3	90	92						
	90 = { 9.3	92	92	100	13				
	F = {933	+ 9/3/	21		lo				
	2.2	S =		a		b			
8,04)	b) B= { 90, 91, 92, 933	+ 90	9	1	9	0	1		
	5=50,69	91	9	2	9	0			
	90=5033	92	19	12	9	3		-	
	9.F = 5903	→ 93			9	3			
			-			,			
0-1)	0= 390, 91, 92, 93, 94, 953	8	a	_	Ь	-	-		
g5 b)	5 - Saiby	→ 9°	130	942	P	-			-
	90= 8903	a,)	9:	2	_		
	F = {93,95}	92	-	3	ф				
		# 93	0	b	23		-		
		94	-	2	20	5	-		
		* 95	19		ф	_			
800)	9 = {00, 91, 192, 93,943	S	+	O.		-	6		
	2 = {a,b}	-> 90	+	2	-	9	-		
	90= 90	* 9,	1		-	9			
	F= fa,, 22, 25, 243	* 92		9		9	-		
		¥ 93	_	9			ry	KNS	IT
		4 -04	1		0	19		mScan	

	Marin .				
		8	a	5 PAGE NO	0.
807)	8= {90,91,92,93,943	-> 90	9,	93	
	E = {a, b3	9,		92	
	90= {903	# 92	que	23	
	F= {92,943	%3	94	23	
		* 94	97	92	
808)	8= 590, 91, 92, 93, 94,	95, 963			
	Z = \$a, by	8	a	b	
	9 = 4909	→ q.	• •	94	
	F = & 933	91	91	92	
		92	92	93	
		# 93	9/3	96	
		94	92	95	
	, ,	9,5	93	96	
		96	196	96.)
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