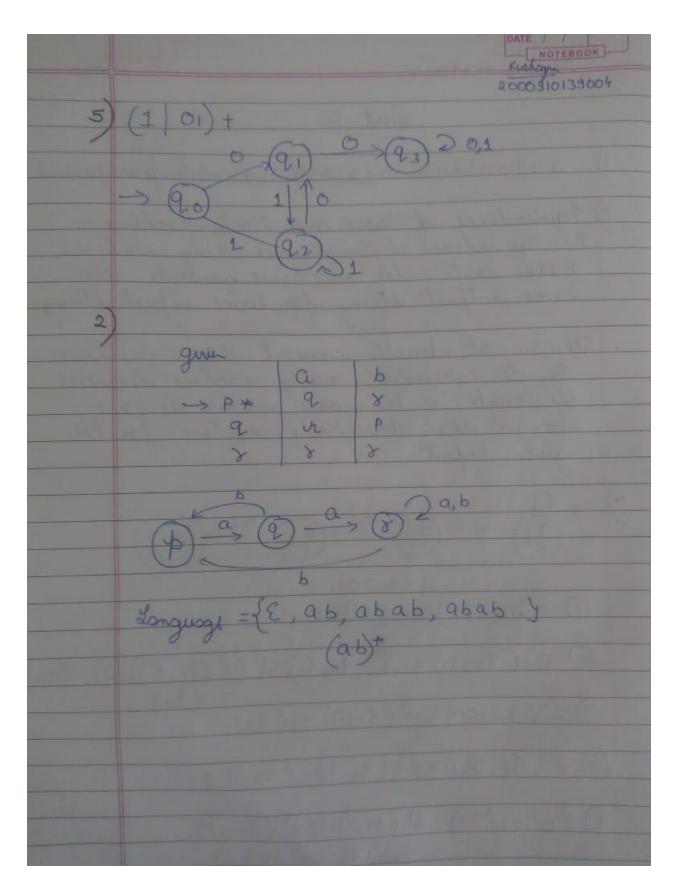
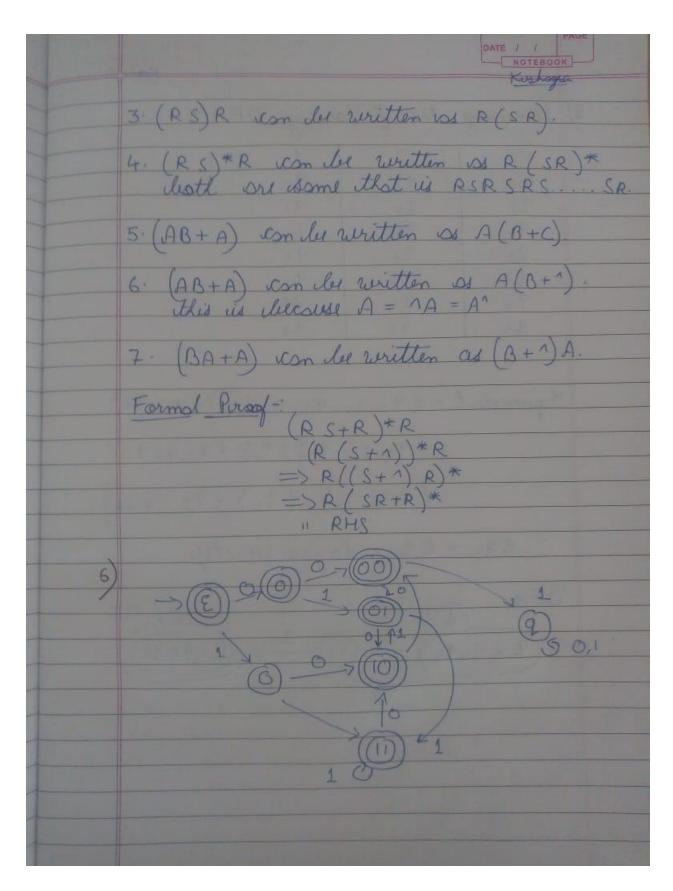
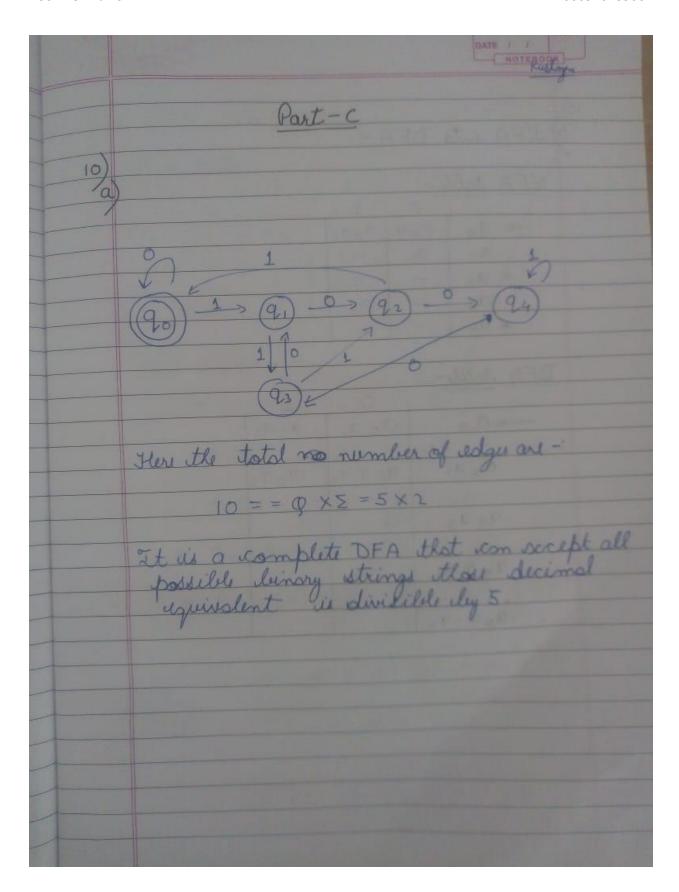
	Kushogra Jaiswal
1000	ĬT-1
	TAFL 2000 910139004 PAGE NOTEBOOK
	Town The state of
1	Part-A
1)	a a bbabbabbaa a a a bbab, this substrings are present
3	Equivalence of Moore and Mealy Machines: The equivalence of Moore and Mealy machines means both the machines generate the usme output string for some input string.
	isme output istring for isome input string.
	to its equivalent mesly marking because
	We can not directly convert Moore machine to its equivalent mesly machine decause the length of the moore machine its cone longer than the Mesly machine for the
	gwin input
4	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $
	W = 0011
-	(((((((((((((((((((
1	(2) \$ (90,0) = \$ (90, 60) = \$ (\$ (20, E)),0) = \$(900) = \$ (903)
	(3) 8' (90,00) = 5' (90,0) = 2 92
	(4) S (20,001) = S (20,1) = {20,2,3
	(5) 3 (90,0011) = 5 (90,1) V 3 (91,1)
1	= 90 0 92 = 2 90 92
1	



	Kushoge
	Part - B
9)	(RS+R)*R=R(SR+R)*
	(RS+R) * R-R(SKIN)
	From LHS, (RS+R)* uses to generate
	From LHS, (RS+R)* uses to generate only combinations of RS und R including A epsilon.
	Some example strings or =
	& A, RS, RSRS, RRRS, RSR, 3
	Strings dusys starts from R but con
	describe in English: Rusm speer in my combination where Sis
	Consecutive S is not possible).
	And complete LHS (RS+R)*R mesns string slusy terminate with R.
	Now consider following examples-
	1. R+S is some of S+R, it is bosically renion.
	2. Bus RS con't be written as SR, order is important in concatenation.



			Kushogh
2) 4	40 0 00	TEA	_
/ Junimiz	e the follo	wing DT H	
Jan 3 Day	10	1	
20	22	21	
21	24	23	
22	92	91	
23	25	26	
94	22	21	
25	26	9.5	
9.6	26	9-5	
1 - 1 - 1 - 1 - 1 - 1	a marketing of		
		2,9 59,9 5	
22,	€ 9042 9	y { 2, 3 x	93 95 96
22,		y { 2, 3 x	93 95 96
eq,	€ 9042 9	y { 2, 3 x	93 95 96
DFA	£ 9042 9 = £ 9, &	olere we st	93 95 96 op
DFA	£ 9042 9 - £ 92 &	oler we st	93 95 96
DFA	£ 9042 9 = £ 92 &	olere we st	93 95 96 op
DFA	£ 9042 9 = £ 9, &	olere we st	93 95 96 op
DFA	£ 9042 9 = £ 92 &	olere we st	93 95 96 op
DFA	£ 9042 9 = £ 92 &	olere we st	93 95 96 op
DFA	£ 9042 9 = £ 92 &	olere we st	93 95 96 op



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19)5	NFA unto DI	FA-:	
-	NFA toble -:		1 12
-	0	1	- 9 - (9 - 3 - 9) 3 -
	-> go 9091	2093	
	91 92	-	The state of the s
	* Q2	-	The state of the same
	93 -	94	
	* 94 -	-	
	100	· Lange	C. Andrews Co.
	DFA toble -:		
		0	1
	→ 90	2021	9093
	And the Plant of		
	9091	909192	9093
	A AREA CONTRACTOR	0 0	2 2 2
	9093	4091	9.093 94
	* 909192	909192	9093
	* 909394	9091	909394
	90) 0 > 9091)		909394