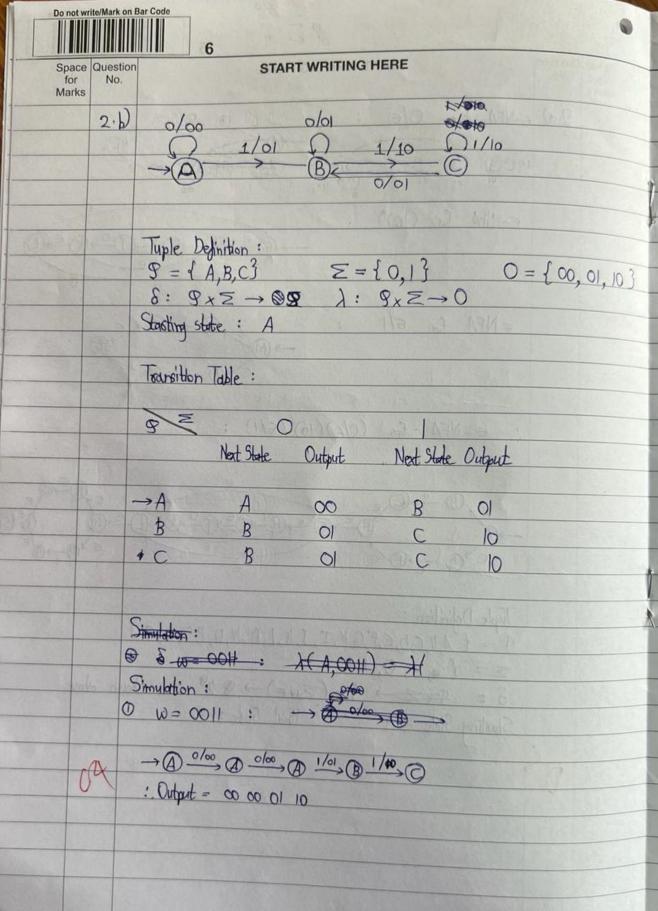
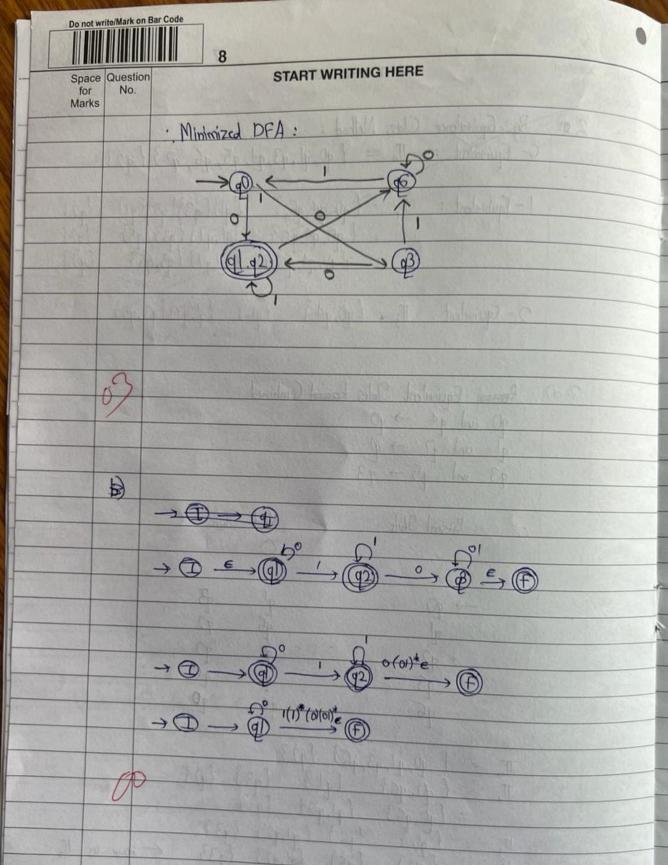
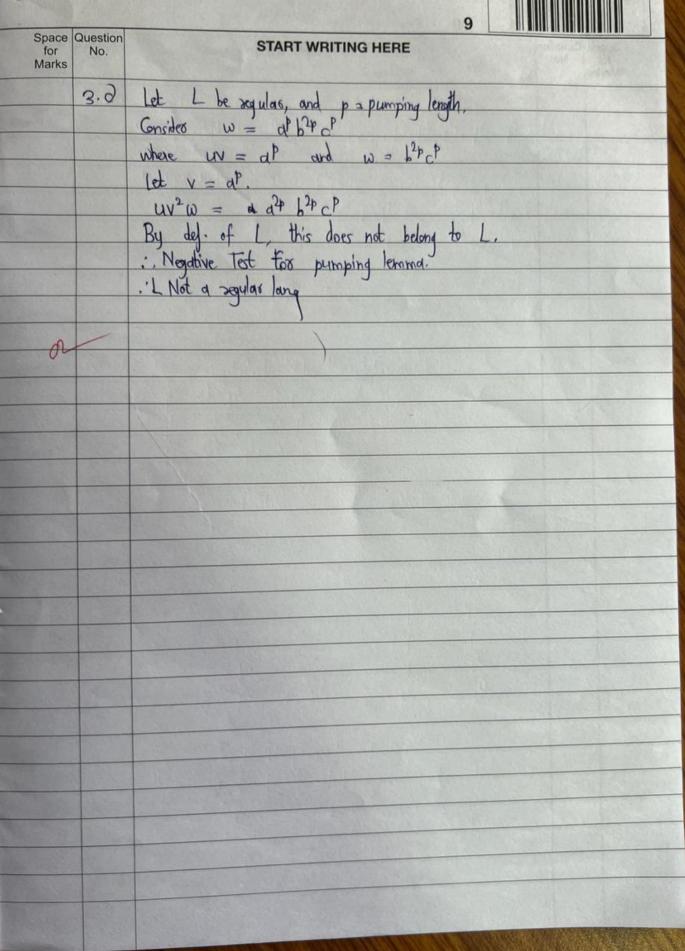
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		Tuple definition 9 = { 00 (state name	on:				
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		8: 9x 2	= 9	ds shown in	transition	diagram and	transition
		table below	A (1) (1)				
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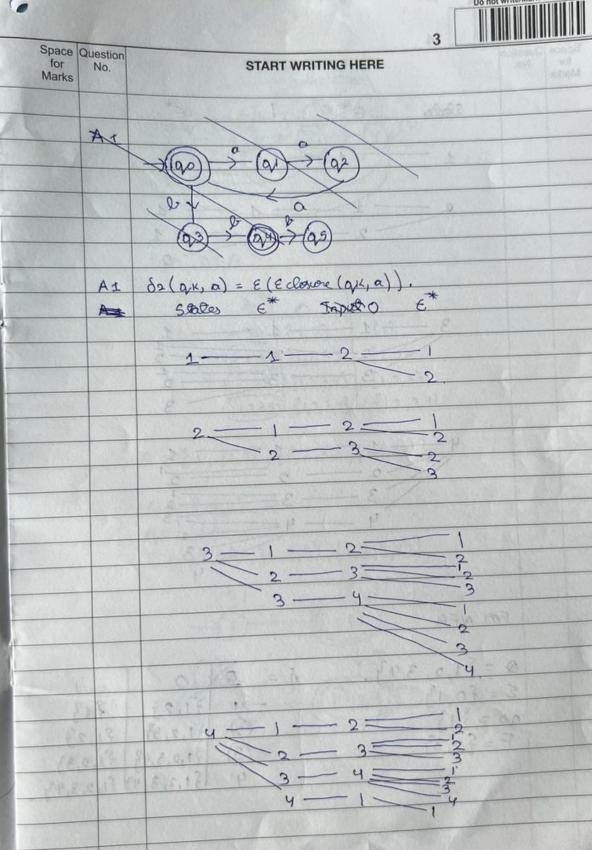
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		Tuple Definition:
		9 = {ABC, b, E, F, G, M, T, J, K, L, M, N, O, P, Y, R, S }
	The state of	$ \Xi = \{0, \epsilon, 0, 13 \\ \delta = 9 \times \Xi \rightarrow 9 \times (\Xi \cup \epsilon) \rightarrow 9 2^9 \text{ ds shown above} $
		Starting State: A Find State: S
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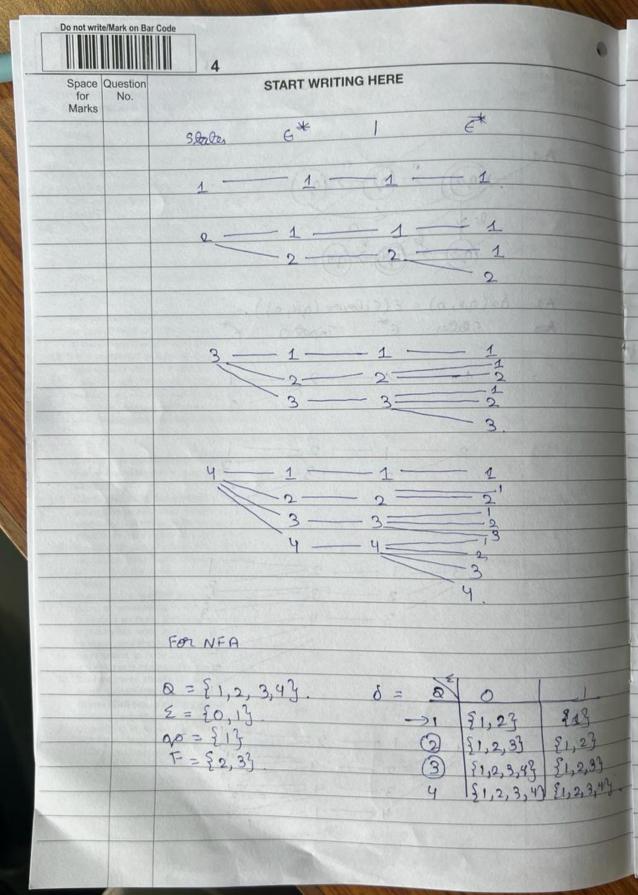


for	Question No.	START WRITING HERE
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	3.0	By Equivalence Class Method:
-		0- Equivalent: To = { 90, 91, 93, 94, 95, 96, 973 { 923
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		= 1 90, 94, 962 191, 913 1933 1933 1923
		= 140,94,965 (94,953 (92)
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		2- Equivalent: T, = [q0,q43 {q63 {q1,q73{q3,q53}
	100	
	3.4)	
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		$T_{2} = \{q0, q1, q3, q63\} \{q23\}$
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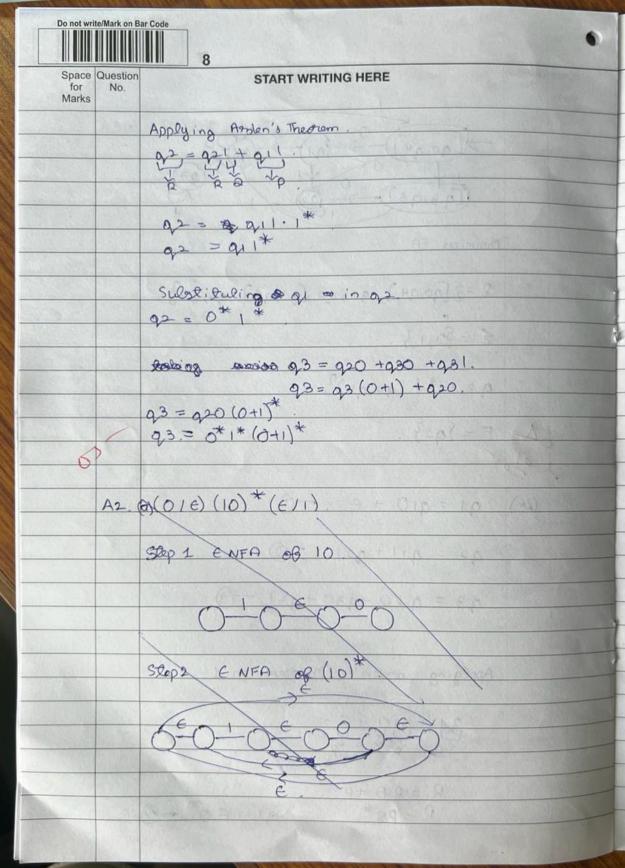


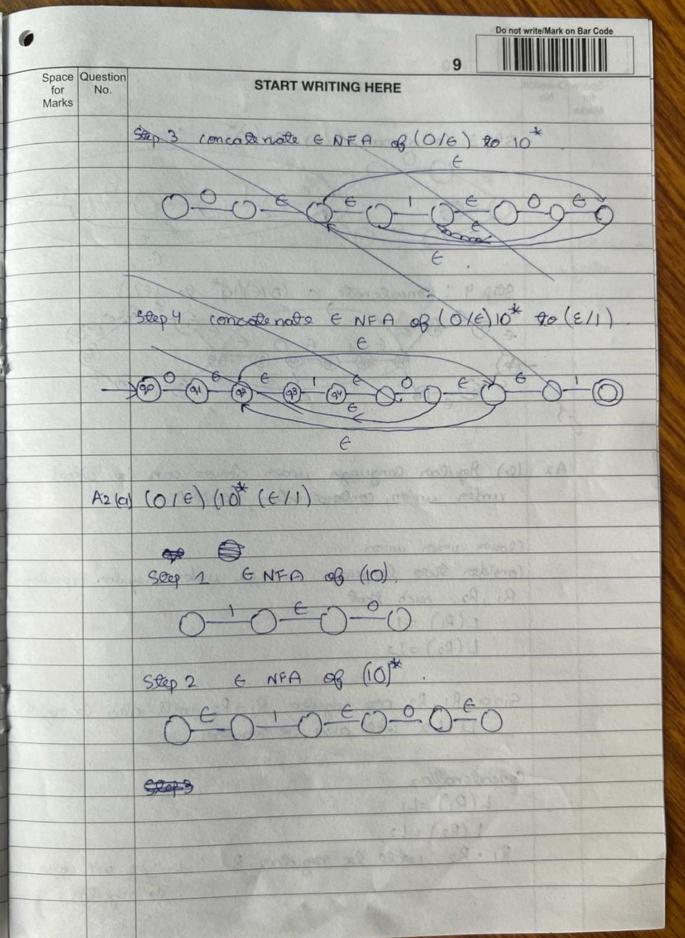
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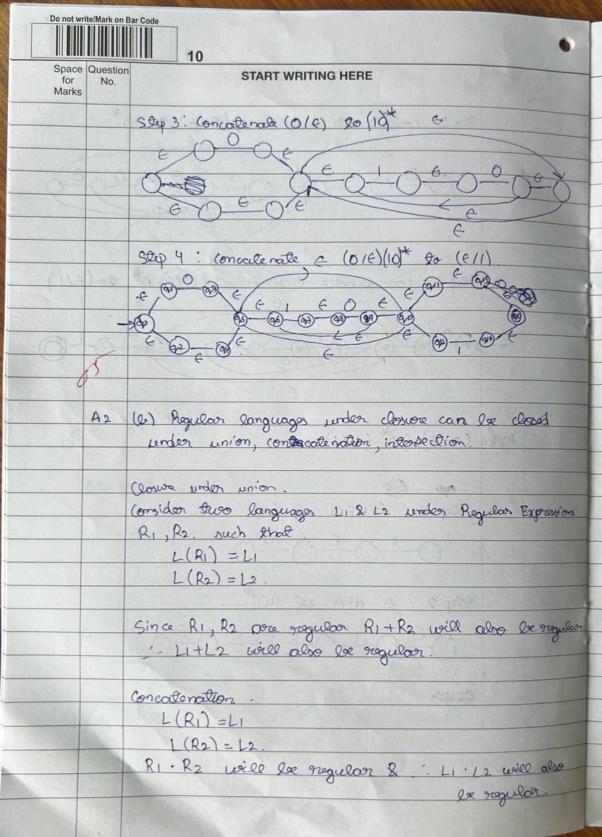
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Space Question START WRITING HERE No. for Marks Minimized FA Q = { [qo, q+], q1, q2, [q3, q5], q6, q7} 5=80.14. go = \$ { [go,qu)}. 4 F = 8923. 91 = 910 + E . - 0 1011 B1018 A 92 = 911+921= -2 93 = 920 + 930 + 931. - 3 Applying ander's theorem on 1.

2= Pa* 92 = 60* - @







Do not write/Mark on Bar Code

11 Space Question START WRITING HERE for No. Marks Intersection. $L(R_1) = L_1$ $L(R_2) = L_2$ Since R1-R2 will be regular -: 11-12 will also be regular.