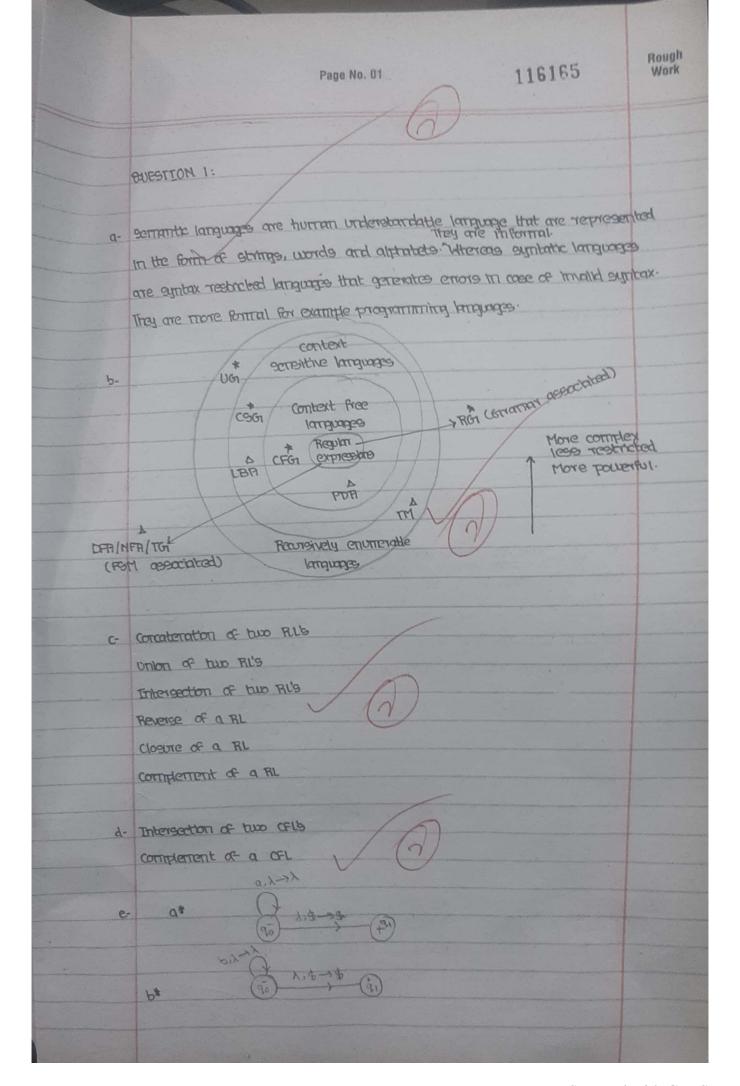


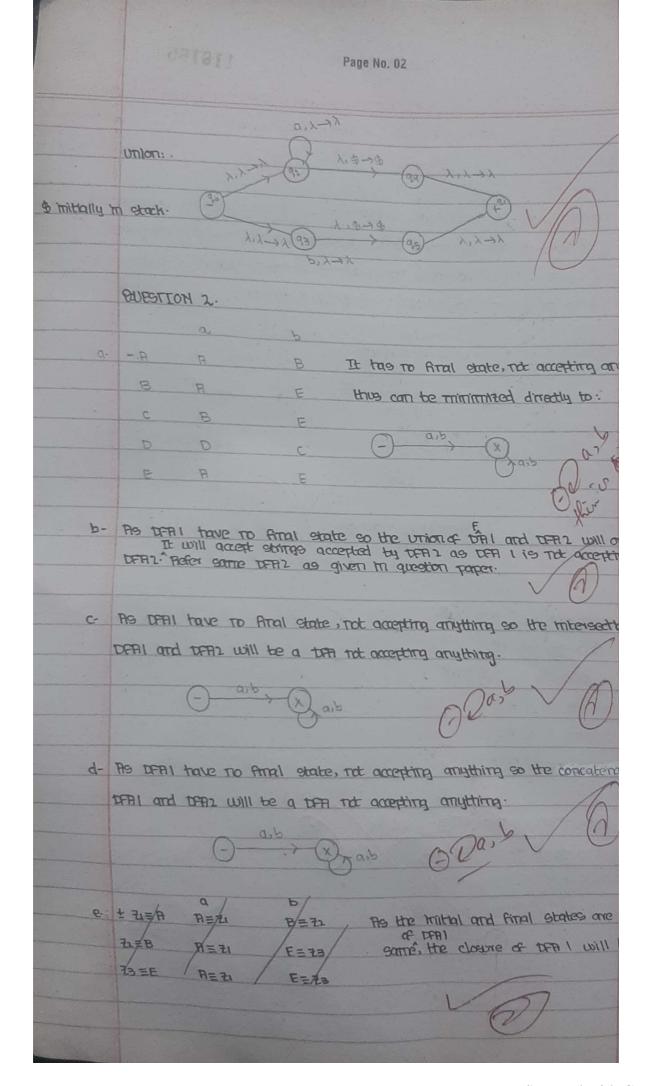
FINAL EXAM ANSWER SHEET

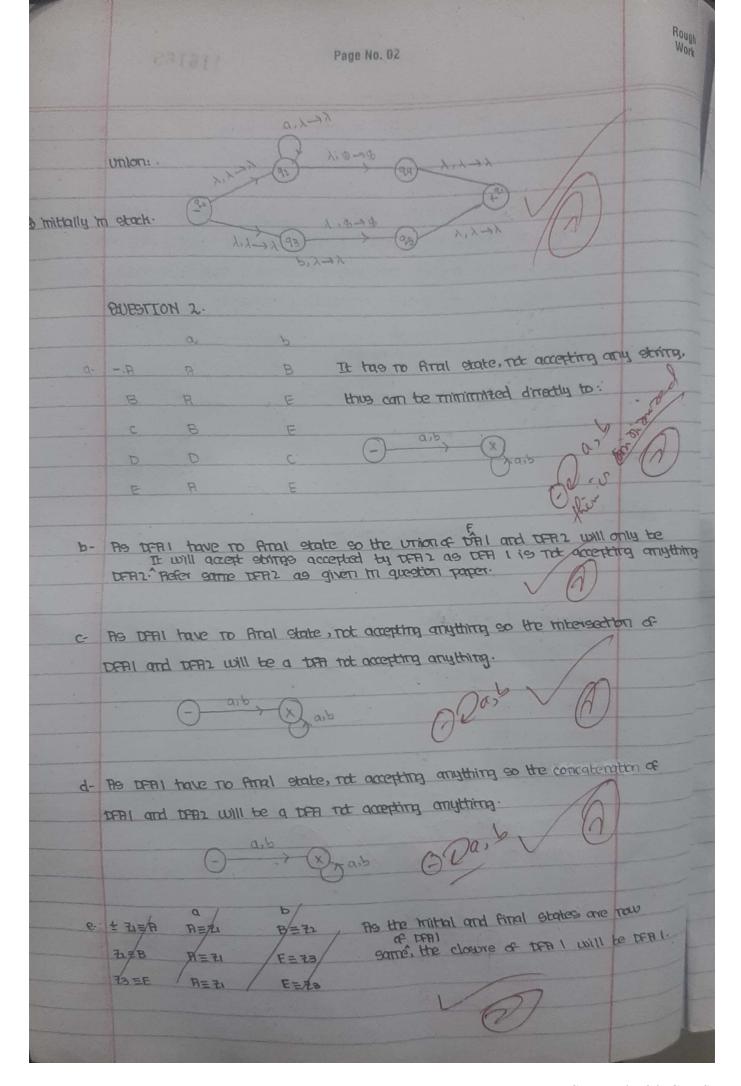
Serial No. 116165

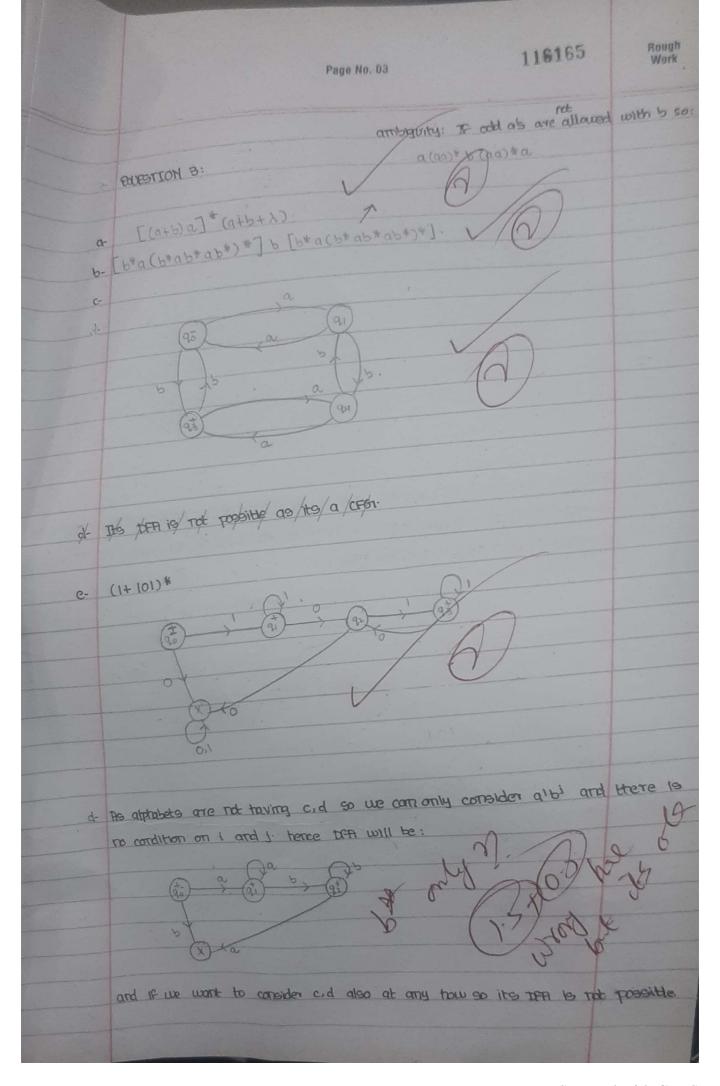
## National University Of Computer & Emerging Sciences

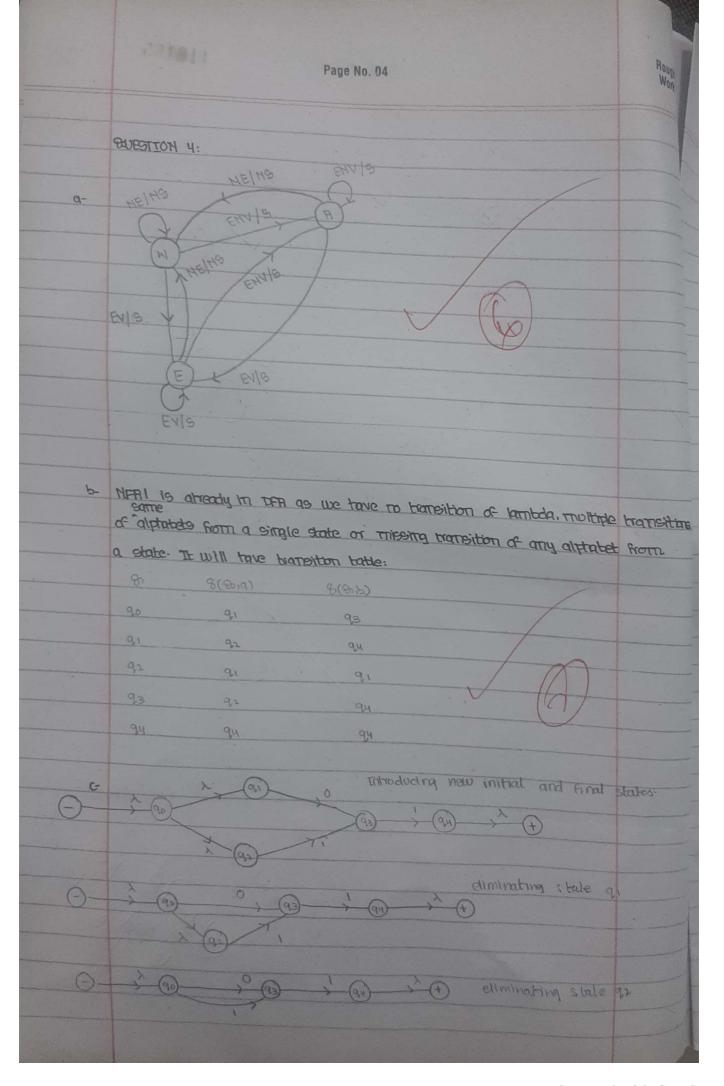
	SEMESTER:	SPRING		SUMMER	FALL 20			
Course Tr	tle Theory of Au	Please Tick		Course C	Code CS3005			
Roll No	70K-0247	Section	1 <u>E</u>		Date <u>eloelrorr</u>			
No. of continuation sheets attachedINSTRUCTIONS FOR CANDIDATES								
<ul> <li>Write Question No. In the middle of the line using thick tipped pen.</li> <li>Use only blue or black pen to write your answers.</li> <li>Answers written using pencil will not be checked.</li> <li>Pencil is only allowed to draw diagrams or write program code.</li> <li>Cell Phone is not Allowed.</li> </ul> (THIS ANSWER BOOK CONTAINS PAGE NOS. 1-22)								
	Q./Part No.	Marks		Q./Part No.	Marks			
	Q1	10		Q 11				
	Q2	10		Q 12				
	Q3	0		Q 13				
	Q4	10		Q 14				
	Q5	10		Q 15				
	Q6	10		Q 16				
	Q7	10	1	Q 17				
	Q8	77	24	Q 18				
	Q9	173		Q 19				
	Q10	1		Q 20				
Marks Obtained 91.5 492								
Invi	gilator's Signatur	e	٦	otal Marks	100			
The state of the s	1 Clausette				Date			



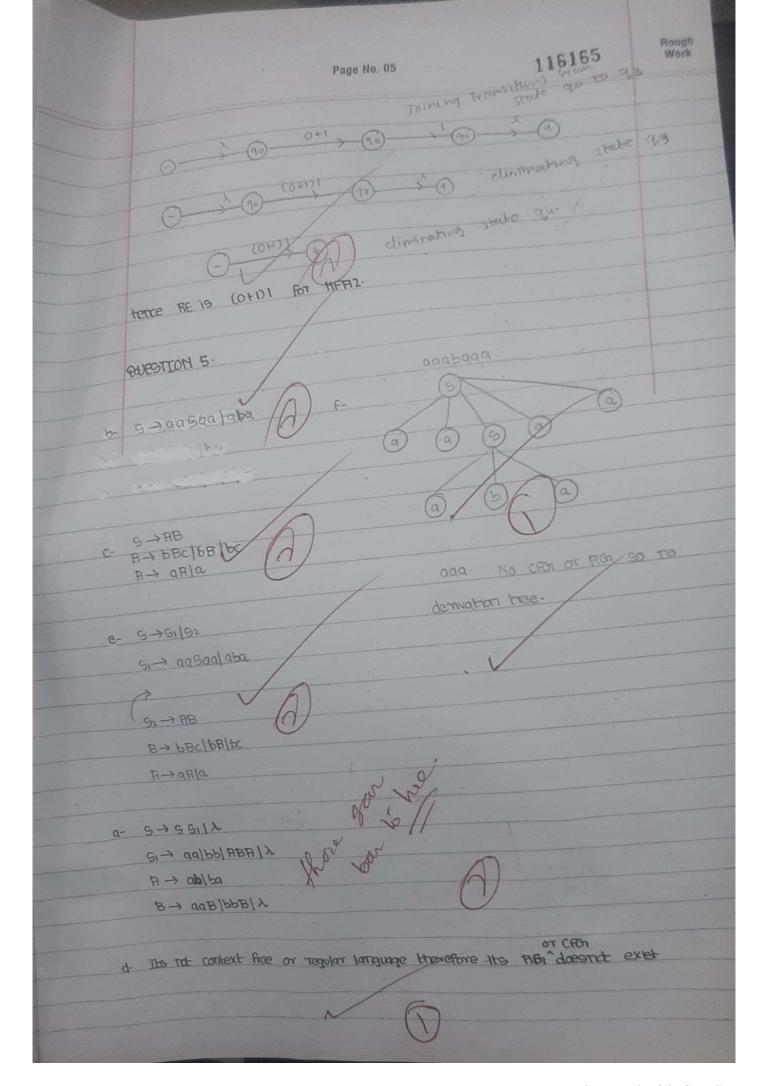


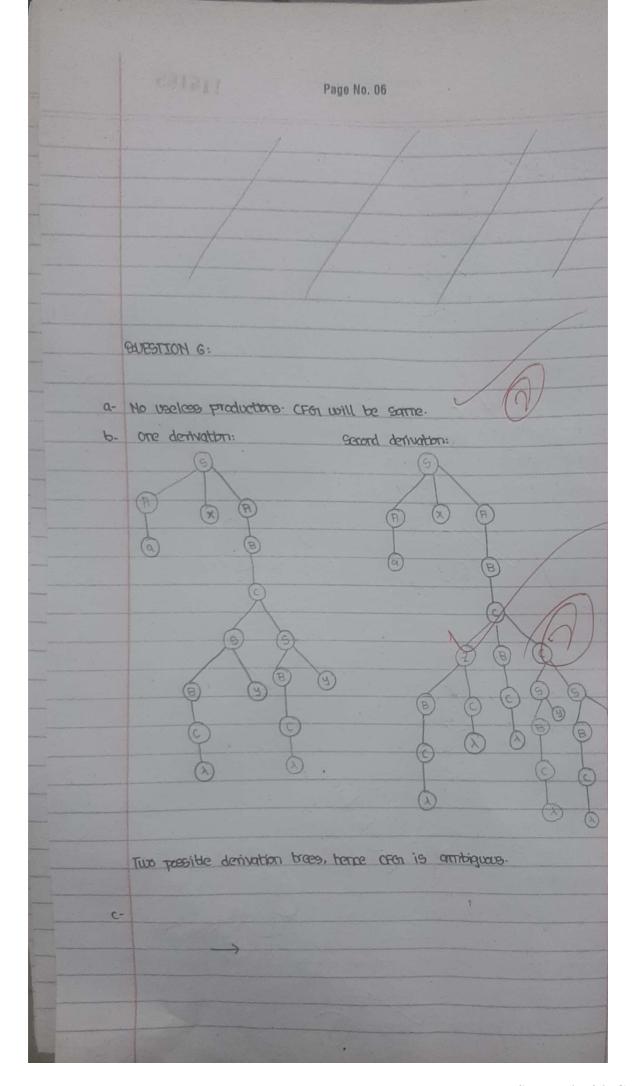




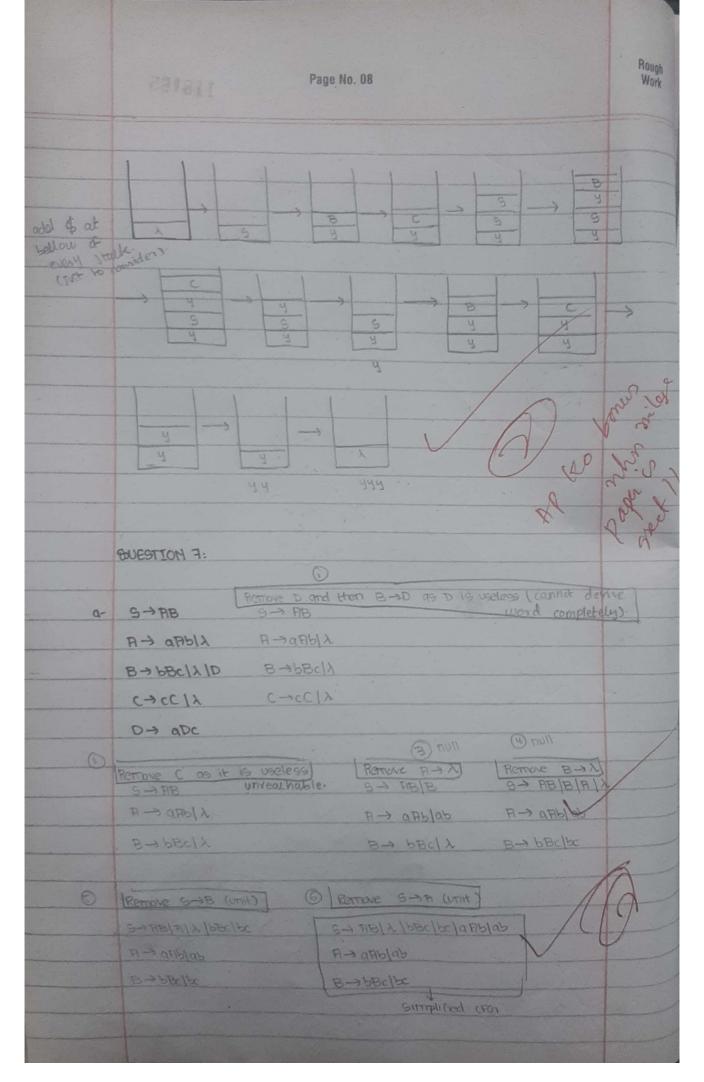


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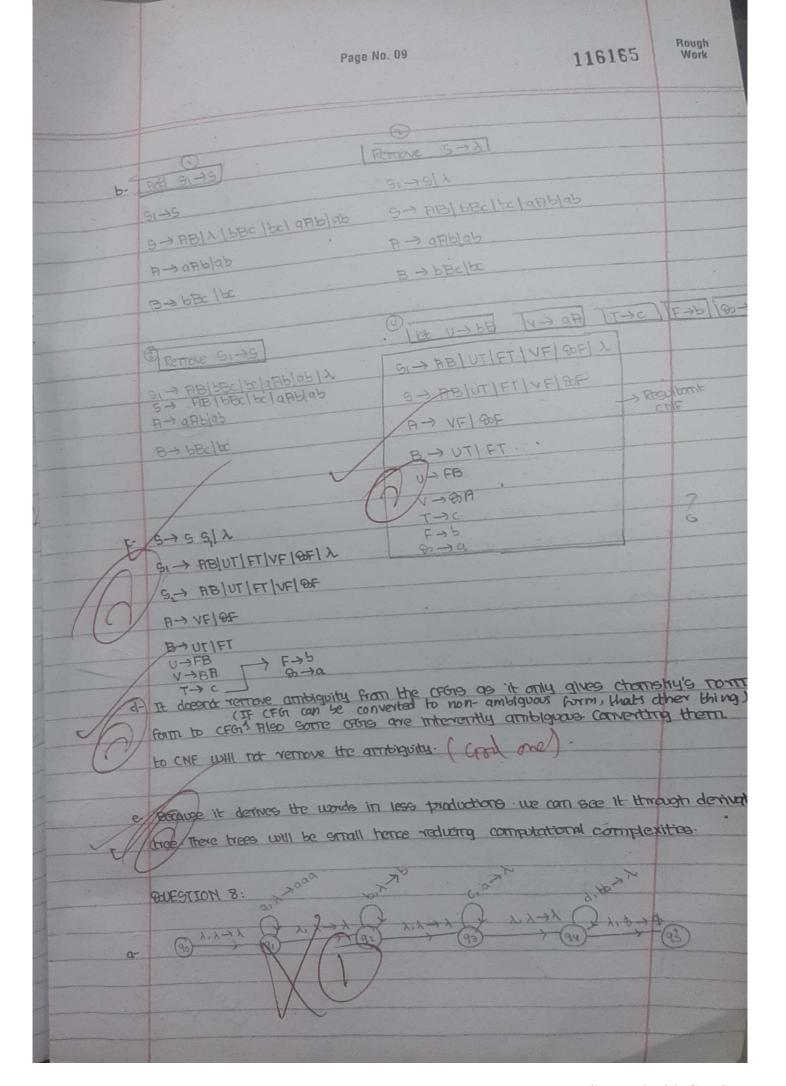


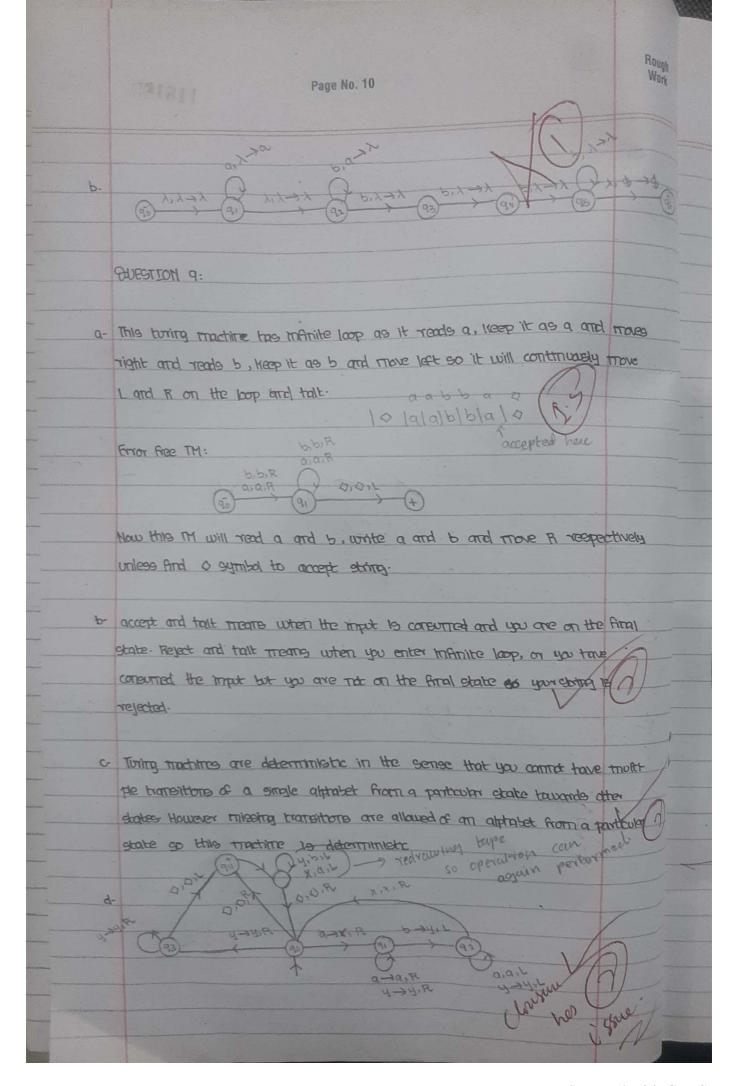


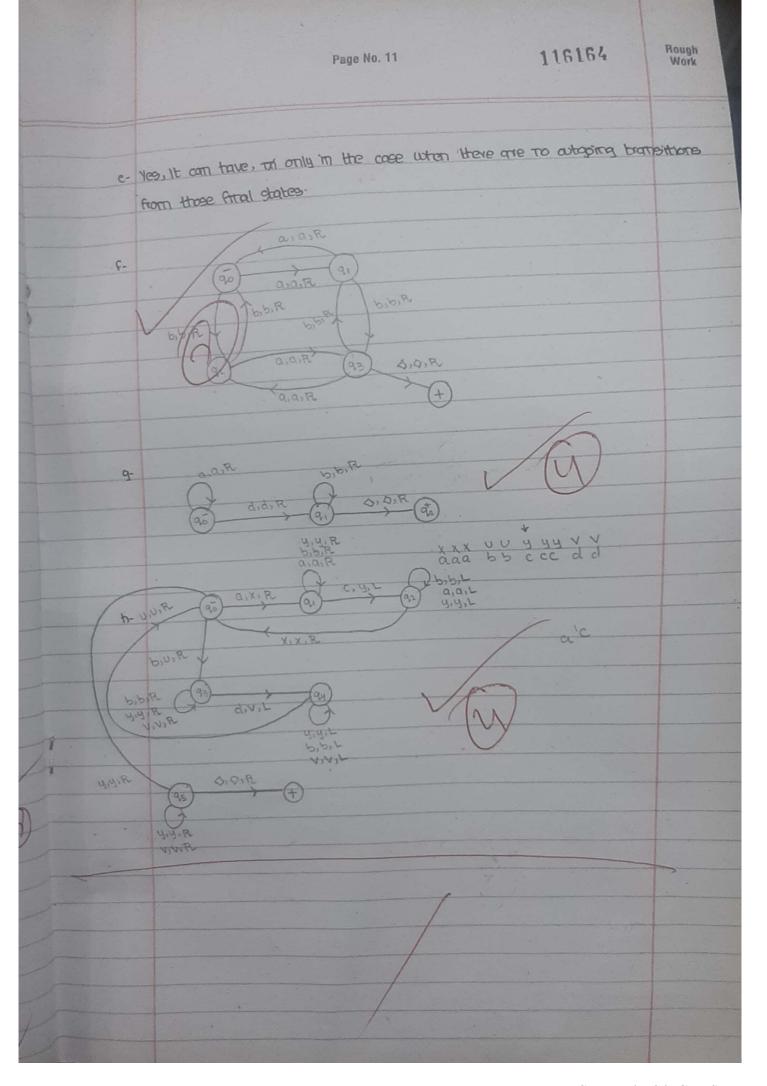
	Page No. 07	3165	Rough Work
	110		
	(a) 1.5 (q) 1.5 -> 5 (q)		
	100		
	$\lambda, S \to RXR$ $\lambda, S \to BY$		
	1, 5→2C		
	A, R→B.		
	J. A →a.		
	N. B→p		
	λ, c→96		
	A, C→ C		1
	$\lambda, C \rightarrow \lambda$ $\lambda, C \rightarrow 7BC$		
- 11	1, <del>2,1</del> 082		
	A, Z->BC		
	X, Z -> Z		
	x, x -> x		
	7,7 X / F //		
	a. a→ λ b. b→ λ		
	c, c -> X		
		-	
d-	8(90, 1, 1) = (91.9)		
	8(91, 1, 5) = {(91, AXA), (91, By), (91, 20)}		
	8 (91, A, A) = { (91, B), (91, 9)}	1	
	8(91, 1,8) = {(91,0), (91,5)}	-	
	8(91, 1, c) = 3(91,95), (91,1), (91, 78C)3		
	8 (91, 1, 2) · 3(91, ABZ), (91, EC), (91, Z)}		
	8(909,9) = 3(902)		
	E(4119) = E(4119)3		
	8(9,0,0) = 3(9,0)5		
	8(91,X,X) = 3(91, X)3.		
	8 (quyy) : {(quy)}		
	$8(q_1,\overline{z},\overline{z}) = \frac{1}{2}(q_1,\lambda)\frac{1}{2}$ $8(q_1,\lambda,\lambda) = \xi q_1,\lambda$		
e	>		



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