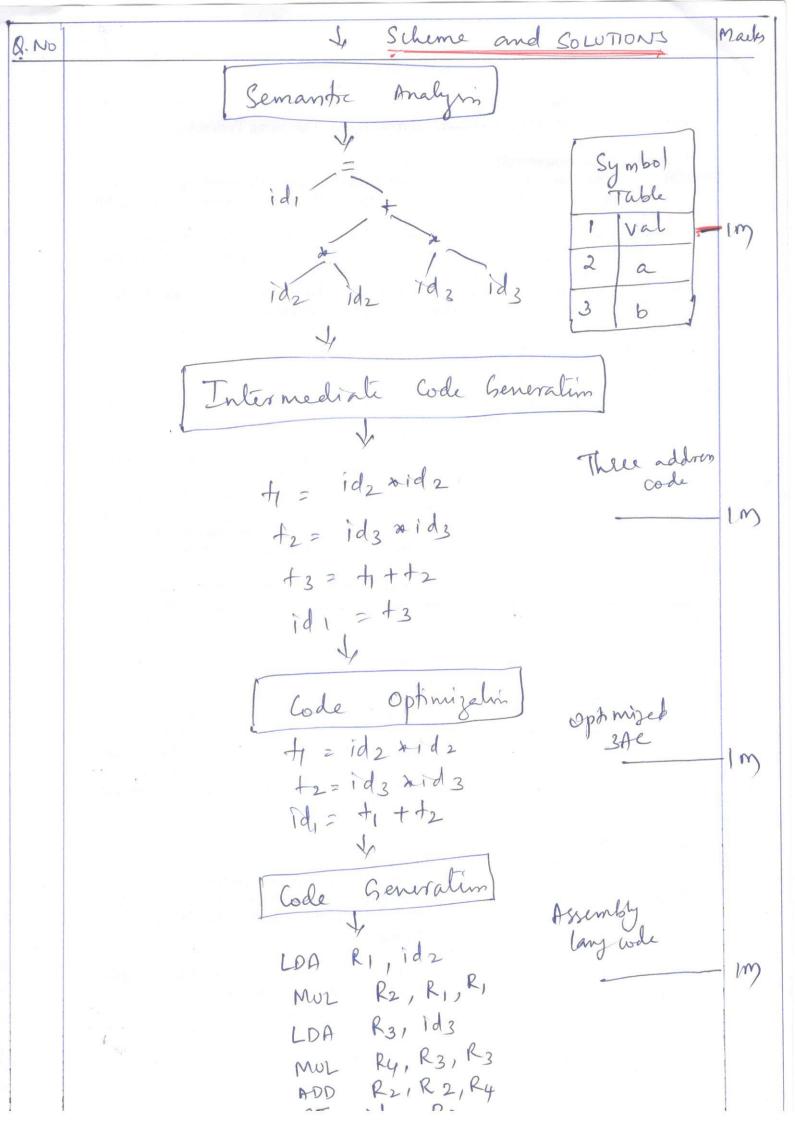
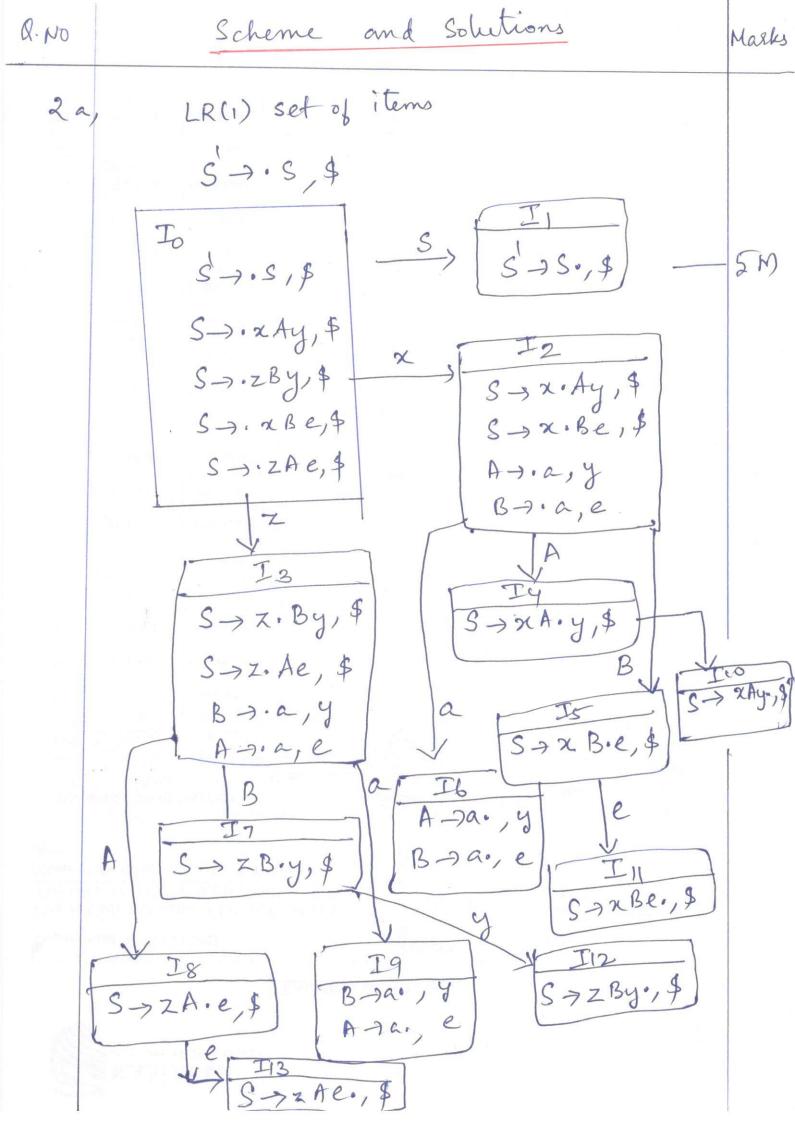
RNO	Scheme and Solutions	Mark
la.	input striy: bbaacabe	
, Carrier P	Sequence of tobsens : CC	1m)
	C -> C? means c occurs o/, time	
	: can start with bla any number of times (b/a), followed by c	
	It augpt bbaac	-2m
	The second C will accept ab	
	followed by c, abc	
	: CC will accept bbaacabe	
6,	Val = (a*a+b*b);	
	Lexical Analyzer set of tolum	Im
	Lid,1> <=> (Lid2> Laxid2) <+> < id3> (+> < id3> c)>;	
	(Systan Analysis) Paire tou / Syntan tree	
R	id +	lm
	ide ide	

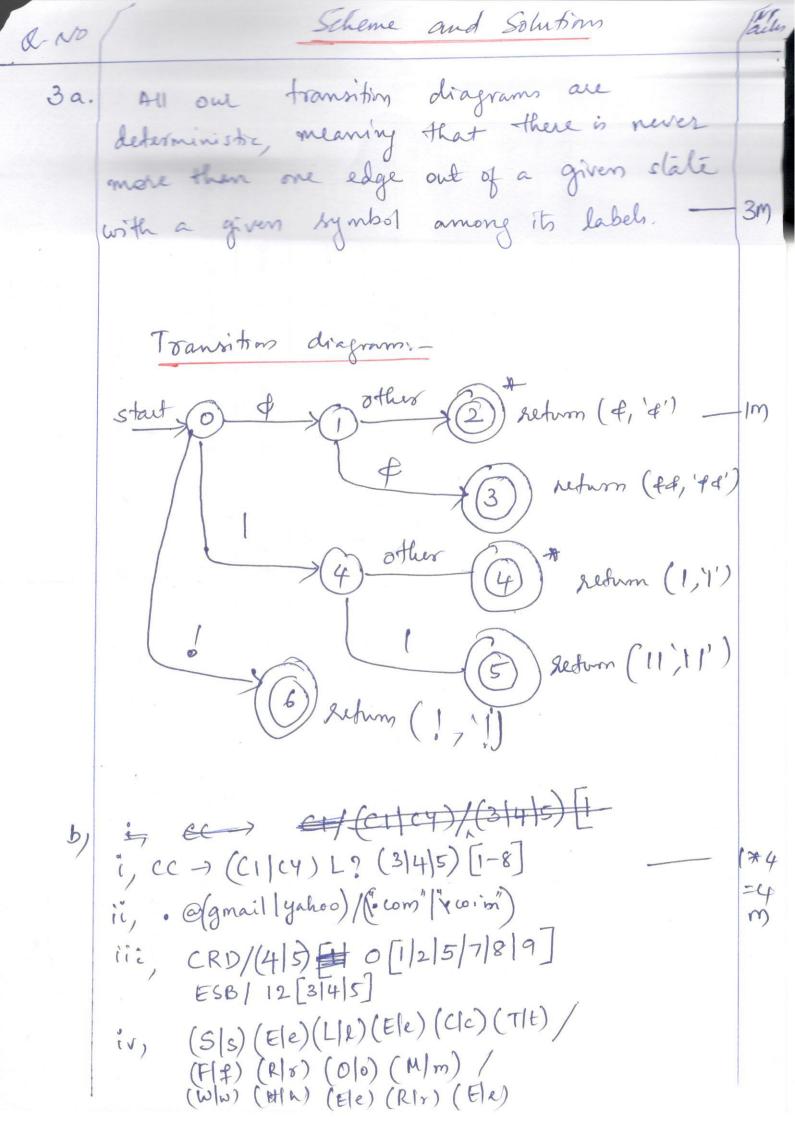


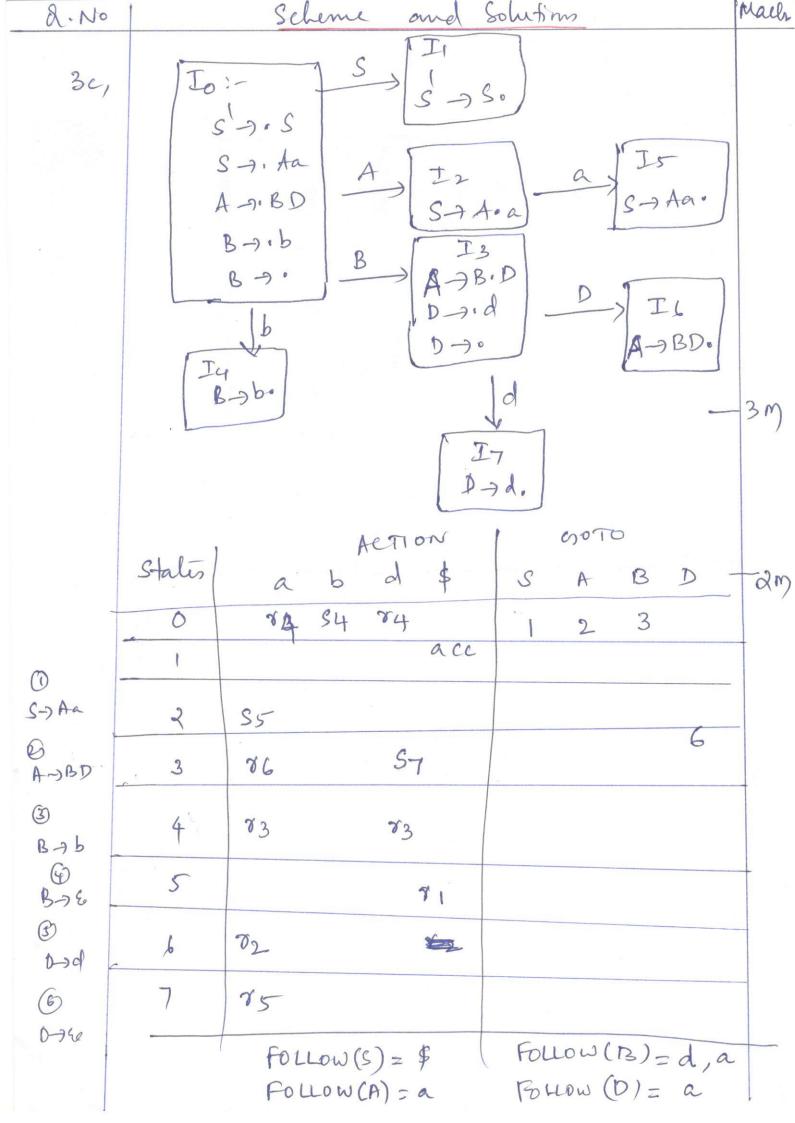
Quo			Scheme	and	Solut	n~>	Mark	
c,		a	Ь	C	7	\$	2	
	S	Stad B		S-)A-f	S-A4			
	B	Boas	Babab	B-9 &	B-> Ee	B-7 E0	_	
A	A			A-) CaBA	A -> %		-	
	Follow (B) = \$, c, f Follow (A) = \$							
	Stack			I	rput	Matched		
		S\$ Af\$ cabAf\$			4	Ofp S-) Af Ofp A-) caBA Match C		
e •		a BA + 9		a.		Matcha		
		BAF F AF F		7 \$ 7 \$		O/P B-DE O/P A-DE Match I		
			\$	Accept		put cafs		



Q. No	Scheme and Solution	Marks			
25,	C E_{e} b , 4 $with $ C E_{e} C $With $ C E_{e} C $With $ C E_{e} C $With $	3m (styp)			
5	Answer C CFG is designed in a way that least precedence operations appears in the first definition and highest precedence operates appears highest precedence operates appears in the last definition of the production grammass				

Q.NO





2 NO		Scheme o	ud Solutions		Maeles		
ę	Achm	Stack	Symbols	Input			
		\$0		bas			
	Shift is	904	Ь	a \$			
	Sedu BAB	903	В	a \$			
	reduce D-) Le	\$ 036	BD	as.			
	Reduce A-1BD	802	A	a\$ -	-2m		
	shift	\$025	Aa	\$			
	Sedue S-Aa	801	S	\$			
			aceept				
	worke actom part input matched, pop stack and advance i/p						