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1	я	Defi	ne the	Role	ofL	exic	al A	nalvz	er		J X 4 -	10 10	arksj				21	Л
	b	What is Role of Parser?															2N 2N	Л
	c	c What is bottom up parsing?															2N	A
	d	Defi	Define rules for type checking														2N	Л
	e	e Give the applications of DAG.													2M			
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2	Ex	plain	LEX	Tool v	vith a	a Le	x Pr	ograr	n.								101	M
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5	Ex	plain	Error	recov	ery 11	n pre	edic	tive p	arsing	with a	an Exa 1	imple.					101	M
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6	Construct CLK Parsing table for the given grammar																10N	M
	S	>aC/d																
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7	Di	scuss	Type	Check	ing	with	sui	table	examr	oles?							10	М
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8	a	Disc	uss al	out sy	mbe	ol tał	ble e	entries	\$?								6N	И
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9	Di	scuss	Storag	ge allo	catic	on st	rate	gies v	with su	itable	exam	ples?					101	M
									UN	IT-V								
10	a	Disc	uss th	e vari	ous s	trate	egie	s in re	egister	alloca	tion.						5N	1
	b	Writ	e abo	ut loor	o ont	imiz	zatio	n tecl	mique	s?							5N	M

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OR 11 Construct the DAG for the following basic blocks 10M 1. t1:=4*i 2. t2:=a[t1] 3. t3:=4*i 4. t4:=b[t3] 5. t5:=t2*t4 6. t6:=prod+t5 7. prod:=t6 8. t7:=i+1 9. i:=t7 10. if i<=20 goto 1 ***END***