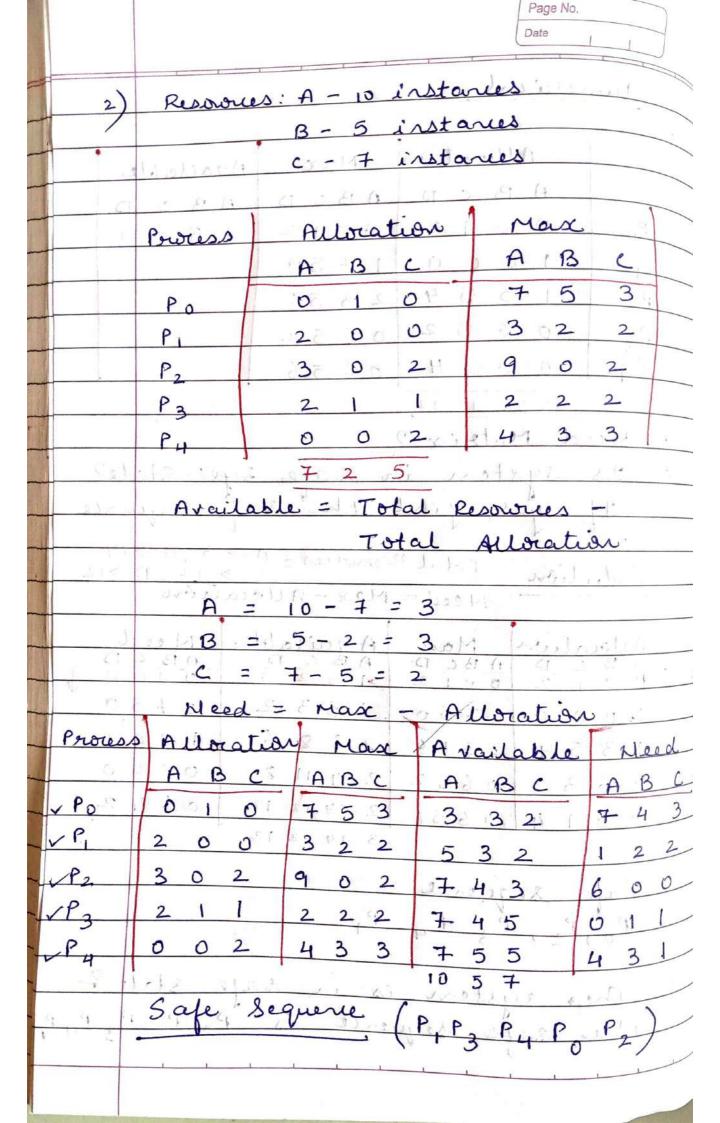
Page No. Barkers Algorithm deadlock resources of each type process for any 2000 allocated to each proces calculated based Max = Albration + Need Total Resources = Total Albration Available &

Page No.

	Nun	Numerical et - 14 comments (6					
1)	611.012.13. 6 - H						
		A.	Moration	Max	Available		
		A	вср	ABCD	ABCD		
	Po	200	0 1 2	10012	1520	_	
	P	E11 6	0 0 0	1750			
	P		3 5 4		, 4		
	P		6 3 2	0652	1		
	P3	-0	0 14	0656	.7		
	2 9 10 12						
1) Need Materix?							
a) Is systen in safe syst State?							
If yes, find the safe sequence							
	The right of the state of the s						
	CN	Solution Total Resonances = A > 3, B > 14  Solution Total Resonances = A > 12, D > 12					
	200	Solution Need = Masc - Allocation					
	0.10	- F Q.	Masc	Availal	HE EINEED ABCD		
	A B	ation	A B C D 0 0 1 2	AB C D	ABCD		
/ Po	00	1 2	1750		450750		
VP1	1 0	0 0	2 3 5 6	28816	1 0 0 2	ATT K	
1P2	d. Calles Com.	5 4		2 /14 /11 8		0	
× P3	0 6	3 2	0652		2 0642	- 9	
2P4	0 0	14	0656	3 14 12 1		77	
Safe sequence							
P P P P P P							
	1811 664 6 614 8						
	Th	The system is in safe state of					
	the safe sequence is Po 2 3 41						



Algorithm Input - Processes (2) Step!: flags i]=0 for i=0 to (n-1) &
find Need[n][m] = max [n][m] Step2: find a process P; such that:flag[i]=0 & Need; <= Available Step3: If such i escists then flag [i]=1, available = available allication goto step 2 otherwise goto step 4 step4: if flag[i]=I for all i there system is in safe state otherwise unsafe state