VAME: KRUNAL RANK LASS: B TECH 3RD YEAR, COMPUTER ENGINEERING

V180081	M. I- Cambin tree
0.7500	5/11/20   Carolin Page   Date   1
CAA	
Tutorial 8	
Ans 1: Given, dimensions sequence of , 25,10,3,12,5,50,62	natrices =
25,10,3,12,5,50,62	
——————————————————————————————————————	
The required of table can be	formed as:
The required do table can be dolissifi where makin is i to	i are already multiplied.
	7 3 6
( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	405 1655 2010
7	33024302070
3 0	180 930 1770
7	0 3000 1860
15	- 0 1500
6	
Ц ,, / , /	1
Hence, the required parenthesiza	hon is,
20/10/10/10/10/10/10/10/10/10/10/10/10/10	(3,50,6)
((5,10,3) 12,5)	(5,50,6)) 3x12)(12x5)) (5x50)(50x6))
( 5x10)(10x3)) (((	3x12)(12x5)) ((5x50)(50x6)))
	To the first part configuration
Ans 2: The verbices of the subprob	lem are ordered pair Vi;
25 1.h100 1/1	
· It iz], then verten Viz has	no output edge.  (j', the subproblem graph contains  Verij) and there edges  subproblem of optimally
If ici, for each k, st. isk	(i, the subproblem graph contains
edges (Vi; Vik) and (Vi;	Veri) and there odges
indicate that to solve the	supproblem of optimally
parentherizing the product A	renthesizing the product Ai,, Ak
Subproblem of optimally pa	nonthesizing the product A: As
and Apy,, Aj	The frame of the first of the f
	make a second and the

	The number of verhicus is r  Sign n(n+1)	1hn
Ans 3:	The number of edges is: $\frac{1}{121} = \frac{1}{121} = 1$	
15	$ \frac{d_{1}}{d_{2}} = \{0,1/0,1/1,0/1,0/1,0/1,0/1,0/1,0/1,0/1,0/$	
20	501123445 602233455 712344456 91234556	
25	Hence, the LCS is:	
30		

