Page No.:	VOUVA
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Matrioc	Chain	Multil	dication
1 10171100	Chain	INDITIE	SIICOTI OI

1) A = 4x10

B = 10 ×3

C = 3×12

D = 12 x 20

E = 20 x 7

Based on escample,

Po=4, P1=10, P2=3, P3=12, P4=20, P5=7

1_	2	3	4	5	
0					2
	0				2
		0			3 1 1
			0	-	4
				0	5

Formula:-

1) if i= i then MEITEIT=0

2) if ik; then M[i][j]

= min (M[:][K] + M[K+1][j] + P:-1 *PK *P;

with isks

= 360

(3) M[34] = min (M[3][3] + M[4][4] + P2 * P3 * P4) - min (0 + 0 + 3 * 12 * 7) = min (1680) - 168 0 (4) M [4,5] = min (M[4][4]+M[5][5]+P3*P4*P5) =min (0+0+12*20*7) = min (1680) = 1680 (5) M[1,3] 15 cap have 2 Values 182

FON K=1 M[13] = & (M[1][1]+M[2][3]+4*10*12 = (0+360+480) 840 FOM K=2 M[13]= (M[1][2]+M[3][3]+4*3*32 = (120+0+144) - 264 M[1,3] = 264 (6) M[2,4] Here we have 2 values of Kie 2.83 FON K=2 M[24]-(M[22]+M[3][4]+10*3*20 =(0+720+600)= 1320

FORK=3 M[2,4] = (M[2][3] + M[4][4]+ 10*12*20) =(360+0+2400)2760 Ans of M[2,4] = 1320 (7) M 3,5] values of K = 3 & 4 FOR 18 K=3 -> Ans M[3,5] = 1140 8) M[1,4] Value of K = 1, 2, 3. Ans = 1080 (9) M[2,5] Value of K = 2, 3, 4 Ans = 1350

(10) M[1,5]

Value of K = 1, 2, 3, 4

Ans = 1344

	7	2	3	4	5	
	0	120	264	10801	1344	7
		0	360	1320	1350	2
			0	720	1140	3
					1680	4
					0	5