Assignment - 02 2006077

Om Shree

BCDE 17 8 6 20 11 1 7 12 6 15 1 9 2 16 15 12 16 24 17 28 26 10 12 11 15

row suduction :-

Column preduction:-

=> Optimel so $1 \rightarrow A$

2 -> 2 3 - E 4 -> C S -> B

1 5 0 9 3 1 1 0

10 7 \$ 6 6

2

Ø

18 0 5

450

ns2)	Mac. A	mac. B
and the same	,31	(8)
	(12)	(10)
		(0),
	15	(6)
	(6)	(10)
	(10)	12
	(1)	
	191	(3)

optimal	sen	unu:	11	4 5	3 2 -	7 6	
1070	min	out	M. in	2 out	ide	m2 idle	
1 4 5 3 2 7 6	0 3 9 19 3 4 5 5	3 9 19 34 46 55 66	3 11 19 34 46 56	17 31 44 56 59 67		3 0 2 3 2 0	
			ì	O I		7	

Mekespan = 67 M2 idu time = 17

1 1

NWCR :-

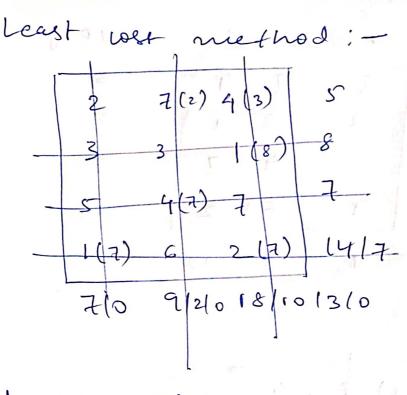
215161181 x 1011

feasible
$$50^{11} = 2(5) + 3(2) + 3(6) + 3(4)$$

 $+ 2(14) + 4(3)$
 $= 10 + 6 + 18 + 28 + 28 + 12$
 $= 34 + 56 + 12$
 $= 90 + 12$

elling a bright

Total west = 102



Total cost
$$2 \pi(2) + 4(3) + 1(8) + 4(7) + 1(7) + 1(7) + 2(7)$$

$$= 14 + 12 + 8 + 28 + 7 + 14$$

$$= 26 + 36 + 21$$

$$= 83$$

VAM (nogels Approximation) Supply 5/2/J- C8] [5] 1(8) 8 [23 4(7) 7 7/0 C13 C13 1 (4) 6 2(10) 14/4 (17 157 + 7/3/0 9 18/1010 Demand CIJ CIT II3 [1] [2] [2] [3] [3]

Total cost 2 2(3) + 7(2) + 1(8) + 4(7) + 1(4)+ 2(10) = 6 + 14 + 8 + 28 + 4 + 70= 20 + 8 + 32 + 70= 80