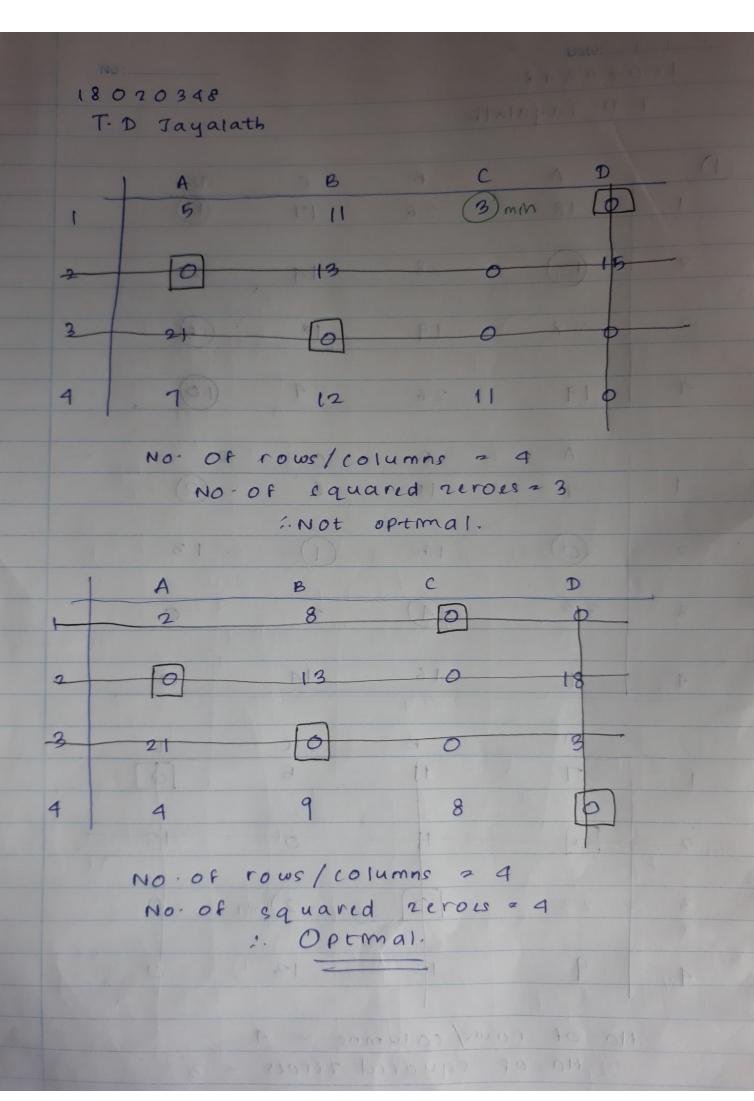
T.D Jayalath

0 _	A	В	C	DA
1	18	26	1117	
2	(3)	28	614	26
3	38	19	18	(5)
4	19	26	24	(0)
	1 A	F 2 BANDIE		D. Cold
1		01115110		
		sptmal.		
2	(6)	15		13
	(1)			81 A
3	23	(4)	3	1110
	A			
4	9	016	814	0
		The state of the s	618	
	A	В	o c	D
	7	1)	5	10
	(9) (4)	1)8	P	
2	0	1	0	13
	1 1	la samul		
3	23	200 (A) b	2)mm	9000
	1/2		Deti	
4	9	12	13	0
				I B BUSINES
	No of ro			
	NO . OF	squared	1 zerous	= 3

:. Not optimal



ADMs	Factoris		(me	
	C		17	
2	A		13	
3	В		19	
4	D		10	
			59	
	M M 7 = 50	9		

: Total mm tme = 59 mms

(2) Arrival rate = 2 2 6 = 0.1 60 service rate = p = 1 = 0.25 a) (1) P = 2 = 0.1 = 0.4 m 0.25 (11) Ls = λ = 0.1 = 0.66 ∞ 1 (0.25-0.1) $\frac{12}{\mu(\mu-\lambda)} = \frac{(0.1)^2}{0.25(0.25-0.1)} = \frac{0.01}{0.0375}$ (11) = 0.26 \$ 0 Ws = 1 = 1 = 6.66 $(\mu - \lambda) \quad (0.25 - 0.1) = -$ (PV) (1) $Wq = \frac{\lambda}{\mu(\mu-\lambda)} = \frac{0.1}{0.25(0.25-0.1)} = \frac{0.1}{0.0375}$ = 2-66

No:

Date:

18020348 T.D. Jayalath

a)
$$P(N \gg 4) = P^4 = 0.4^4 = 0.0256$$

Total rate diene - Ad entered

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consecrate por

P. .