	Ashmoni Kr. Chaudhary
	COCT-A J 019.
	Test-1
0	8) C.
	The state of the s
14	1 71-1 74
121. 32 9	1-51 (6)
	1 PSC 1-27
100	
12 4 ·	
	10 21
	2017
-	Now, In loop 1st
-	$\frac{\partial x}{\partial t} = \frac{1}{1} \frac{1}{1$
-	3 - 4 I + 4 I - 6 I 3 + 3 I = D
	· 12 [1-6]2 -4] =0 -41)
	in loop 3nd.
	07 -3 (I-I,)+UI,-G(I,-I,)=0
	01 -31+312+412-61,+67,=0
-	
	1.4-2.1
	$n 3^{rd} loo$
	-10 + 21 + 3(1-1) + 4(1-1) = 0
	" -41, -31, +41, - 11
no	111001011 /41041011
	unting above eyn in matrix for, $Treq = (T_1 - T_1)$
	1.12 - 0.96)
1/12	-6 -U] [J.] [G.] = 0.16A
-6	0
	-3 -9 [In [10]
100	1,7 7 35/31 7
	5, 13)
-	$\mathcal{I}_2 = 30/31$
	7 [60/31]
)	
and the second	

Q 501°	
when temp. is 25° we hop	
V= 180V	
T. = 15 A	
R ₂₅ = ?	
now,	
V=IR	TIVE
R. = 1/- = 120	
= 8 -1.	
At temp 70°C we how	
1 = 1200	
T = 9A	
R ₇₀ = ?	
again	1
R ₇₀ = V/1 = 120	
9	
= 13.33 -2	
now	
R70 = R25 (17 ×25 D+)	
13.33 = 8 (1+ x25 ×45)	
1.66 = 1 + 45 day	
45×25 = 0.66	
	·
d ₂₅ = 0.0167 °C	
noy R 80 = ?	
R80 = R25 (1+d2,1)	
= 8 (1+0.0148 x 55)	
= 14.4124 -2	

			Date Page
Now,		14	15/8
	V=IR	S 1	1
	T = 120	The state of the s	
	14.424	- 1	<u>r : : : : : : : : : : : : : : : : : : :</u>
,	= 8.31 · et 30)°(
	in the following	- 1:	- voll
Hdp	know,		1 of
	2, 2 4,		1 1
	(+x, (+2-+1)	4 118	1
	- 20 = 2/25		
	1+ ×25 (20-2	5)	
	= 0.0146	Σ	1
	1+0.014x	(-5)	
	= 0.0157/0	(,	
5-			· · · · · · · · · · · · · · · · · · ·
		1 × 1	1
	A V		
) -	
			41
	No. 2	il Chair	
		A	



