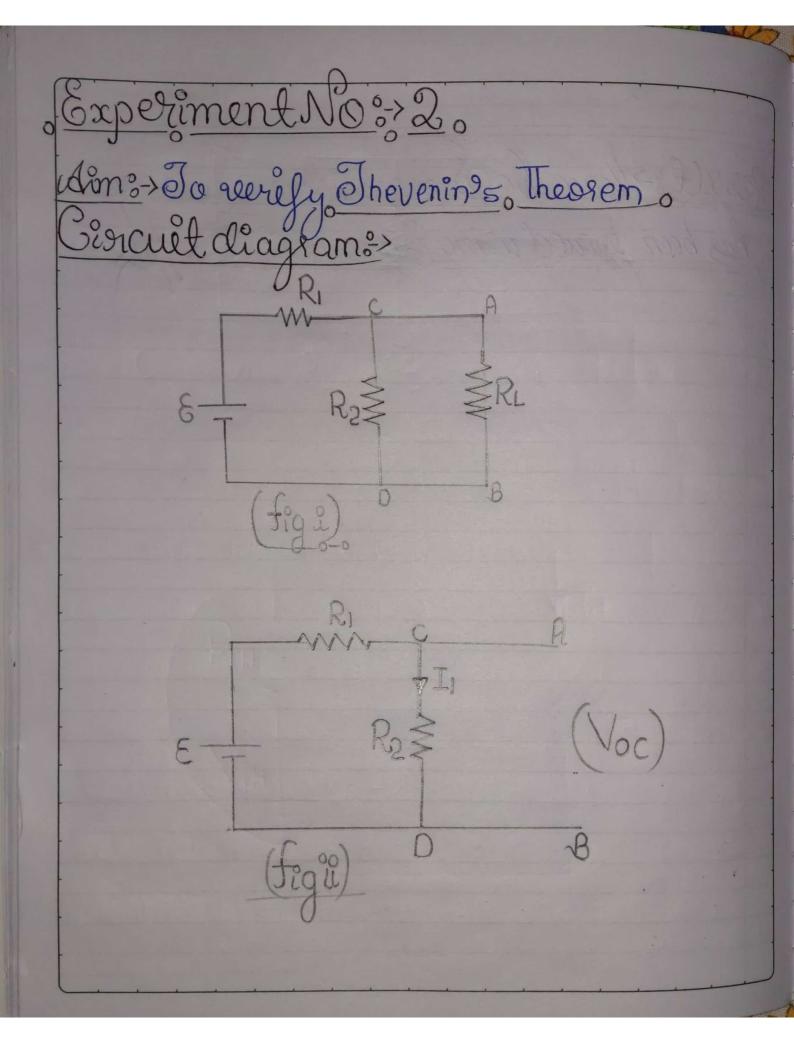
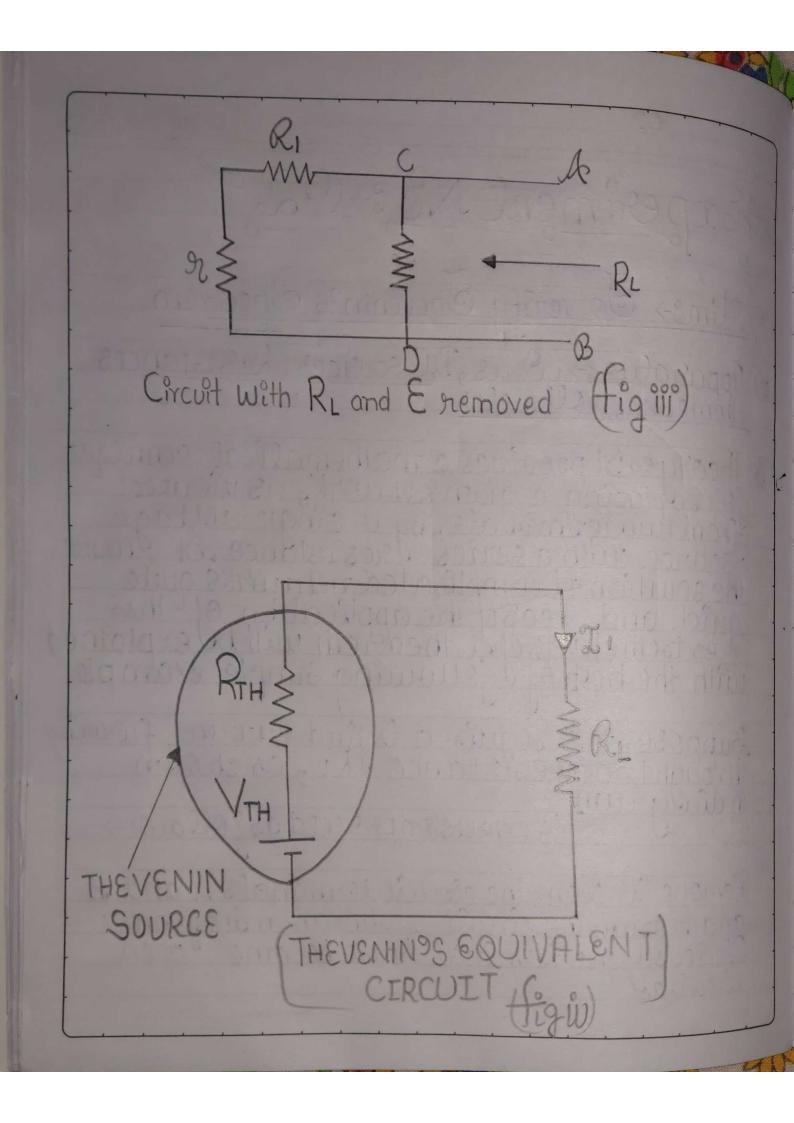
Experiment Name / No.: 02 Camlin | Page No. 14/01/2021 Apparatus :-> Wines, Ammeter, Voltmeter D.C. sources, Resist puides a mather the circuit terminals or circuit as shown in diagram have becom busously the arculto) Teacher's Signature:

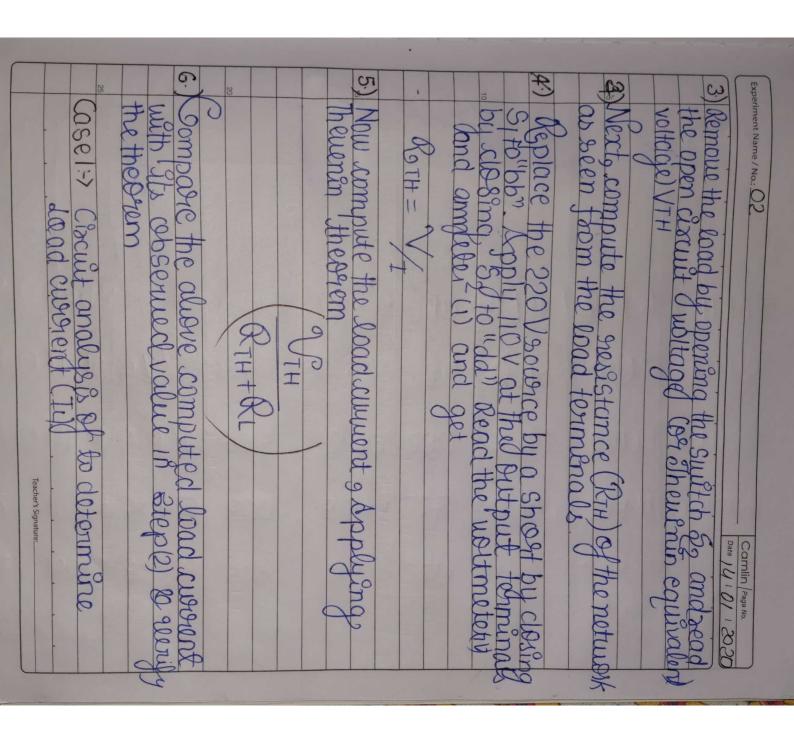




02	Camlin Page No.
Experiment Name / No.: 02	Date 14101 12020
	un lont
The resistance is called Theuenins Equality Resistance.	Marer
Medicarroc.	
· Consequently as wewed from Term	rinals A
and B the whole network (excli	iculty at
Theunin's source) Twhose em	l es es ual
to Voc and whose internal resista	On co is
equal to RTH as shown in diagram	
10 equal to wife to so to with a carefraint	
Rignow commerted track across	torminals
and B from where it was tem	208299111
removed earlier. Current 10mi	no through
	119 11000190
15 Ris given by: Y	0
D=110	
A Paracoclusion KTH+KL	
4)010(00070:3)	
	- 11 0
1) Keep all the resistances close to	their
maximum respective values	MELLINAL DEL
	and the state of t
2) Close the suitch Sito" aa" and 5.	to (cc)
positions. Observe the Load civil	Tent (IL)
25 and Voltage (VL) rendings. The 10	and resistance
2 (///)	and one could
RL= (/IL)	
Teacher's Signatu	re:

5A 5A Circuit diagram for experts

Experiment Name / No.: 02	Camlin Page No. Date 4 0 2020
The resistance is called Theuenins Equi Resistance	ualent
and B other whole network (exclu	ding (1)
Theunin's source) Twhose employed to Voc and whose internal resistal equal to RTH as shown in diagram	li equal
Risnow commetted track across to and B from where it was temp removed earlier. Current Journ 15 Ris given by the	Pragily
4) Procecluze:	
1) Keep all the resistances close to maximum respective values	their
2) Close the suntch Sito"aa" and Sz positions. Observe the Load curr and Voltage (VL) readings. The Load RL= (VL/IL)	to "cc" ent (li) ad desistance
Teacher's Signature:	



Experiment Name / No.: 02 Camlin | Page No. Date 14 10/ 12020 To get the load current, select switches Spand Sz to laad. And then click on I to power and So to the Thewen'n experiment equalications parametel of the above is wit compare the load currents obtained on this case from Casel & fill dotate the obtained on this case

	And the second s							· / ·	
S-na of observ	Load Current CIL) From case	Load voltage	Locial Resistana RL= V/11	Thevenin Voltage (VH) form case 29	2nd Voltage Source (W) for case 46)	Amnelis Reading(1) Inm casez	Therenin Resistance Rm=VI	Load covant In Vth/+Ri	
1	0.10645		500	82-500				0.10645	
5	0.10924	54.620	500	85.549	225	0.79474	283.11	0.10924	
3	0.11124	561762	505	89.571	230	0.78986	291.19	0.11124	
4	0.11315	57.7065	510	91.570	235	0.78531	299.24	0.11315	
5	0.11498)59-2147	515	94-545	240	0.78107	307.27	0.11498	
				101					
	Case 1			Case 1=(Case3			Case 3	A

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