

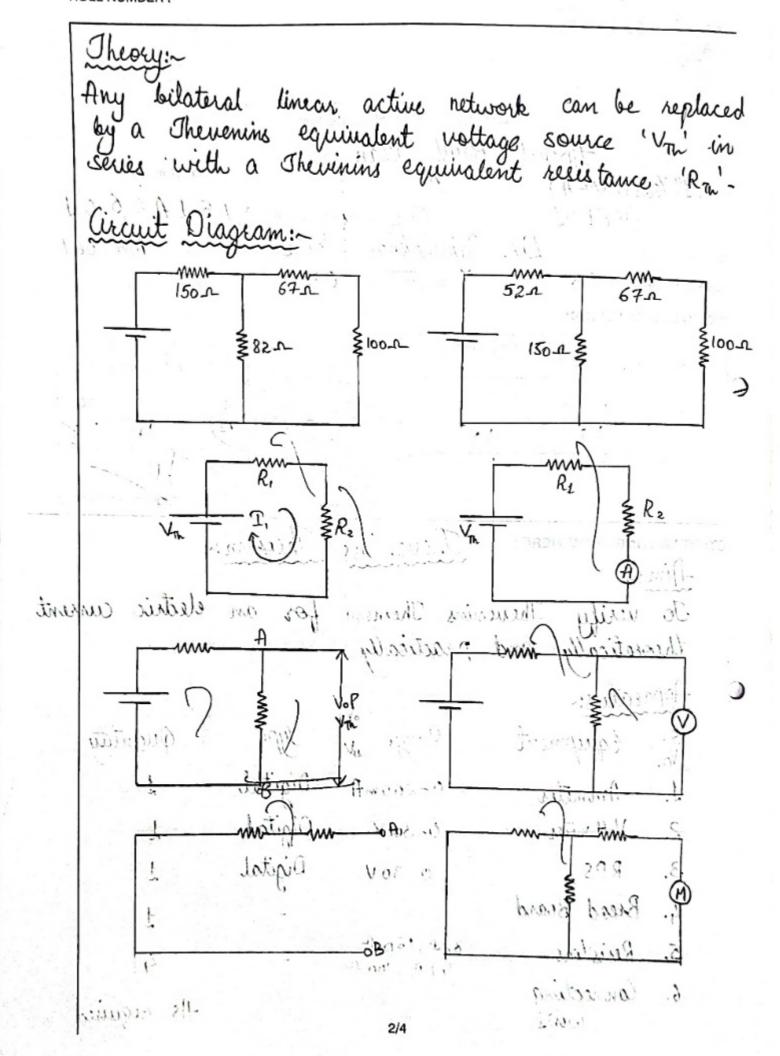
Name of the St	udent: H	Soul Basith	Khan .	11	- :		
VIII V	ass J- Year (CSM-A) Semester 1st			Roll Number			
Class. J 100	ie (CSM-+			20051	1/6		
Course Code .	AFFDÓ	LCourse Name :	EE (abocatory	23951	4 6 0	101	
Jourse Code .		Dt. Rajashe	11/2 600	100000000000000000000000000000000000000	1104	2////	
Name of the C	ourse Faculty		knoe would	ZFaculty	ID://r//CC	.7.1.0.0.	
Exercise Numb		_	Number :0.5	Date :			
EXELCISE INUITIL	JOI						
DAY TO DAY	EVALUATION	:			-		
Marks	Alm / Preparation	Algorithm / Procedure	Source Code	Program Execution	Viva -	Total	
		Performance in the Lab	Calculations and Graphs	Results and Error Analysis	Voce	Iotai	
Max. Marks	4	4	4	4	4	20	
	V	12	3	3	4	18	
Obtained ~		1 7		100	Λ	_	
				}	11		
				S	ignature	of Faci	

START WRITING FROM HERE:

Jo verify Thevenins Theorem for an electric current theoretically and practically.

Apparatus:

S. No.	Equipment	Ronge	Type	Quantity
1.	-Ammeter	0-200mA	Digital	1
2.	Volt meter	0-30 V	Digital	1
3.	RPS	0-30 V	Digital	7
4.	Bread Board		-	1
5.	Resistors	43 m, 100 m	-	4
6.	Connecting	1/4	_	As required



Observations:~

Parameters	Theorlitical Practical	
V.p	9.64 V 9,64 V	
RTL	100.01-0 101.9-0	
T_{*}	0.45 A 00 00 0.046 A	1

Series with a Thevenine requirilent Rm.

1. Connect the circuit diagram as shown in the fig.
2. Measure current in Resistance.

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- 3. Connect circuit as chown in figure measure open circuit diagrams voltage vor by open connecting terminal (i.e. Vn).

in marking.

- 4. Draw the thevenins equivalent circuit.
- Calculations:

By figure from KVL -15+82i+150i, =0 2321, = 15 i, = 0.064

Voltage across 1501=150 xi.

$$R_{\rm R} = \frac{82 \times 150}{82 + 150} + 47$$

a ganther add RTL = 100.01 12 We know P2 = 100 1 0.45 A oolx 0.001 0.046 A Theurmin A84010151 Pa. L'heck proper connections before supplying power 2. Make sure reforproper colour coding of resistors.

3. The terminal of the resistance should be properly connected Result: - time training summer theorem is verified theoretically and practically. By figure from RVC -15-821+15011 =0 2321, - 15 1, = 0 064 Voltage actess 150 A = 150 xi, = 150 x 6.064 Va . 96 V