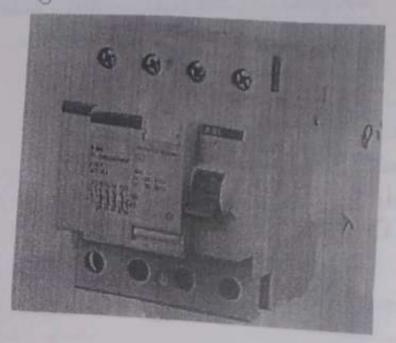
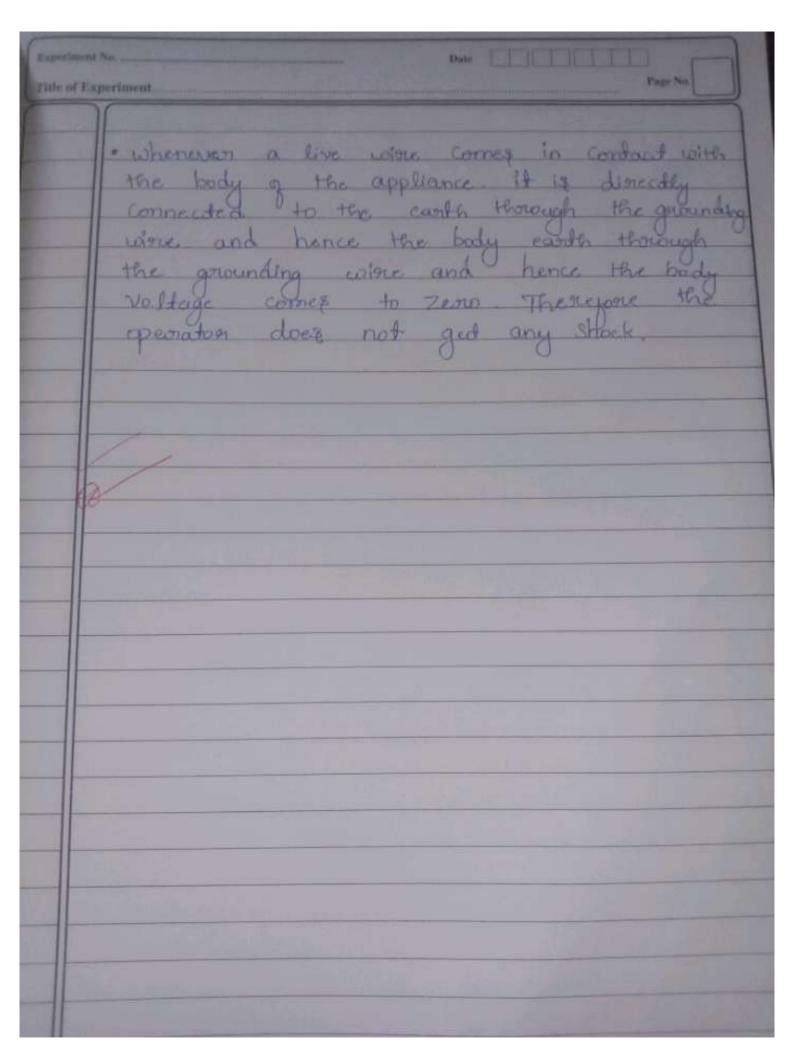
Title of Especiment Prote 10ccess Powter FULL 2

the COUNTY OF With of Expersion Rating of First! Carry , without being burned is called rating O the Fuse, It is expressed in Adopt. DET. 2A puge SA FURE. IDA juse etc. Types of hise ture are mounty classified into # & Revolutable Fuse 2) contridge Fuse 3) High Puptwing capacity (HRC) Fuse Minister anast Breaken (MCB) It is a saying device which wooder on magnido. The more redease principle. It is connected in the phase bedreen Supply and the load. It to read When the awarent docum by the load exceeds the nated value it acts and toups the conceil these pointering the appointers operation and the appliances. Advantages of MCB I They act and open the circuit in less than 5 milligeconds

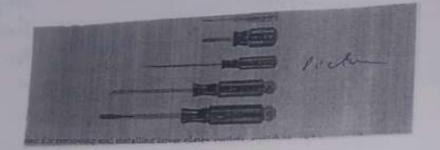
Earth Leakage Cincult Boreaker (ELCB)



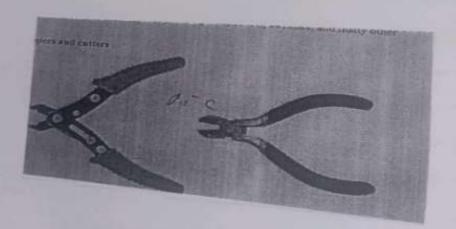


Title of I

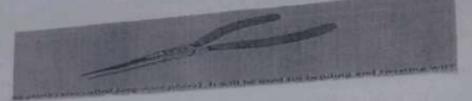
SCOTE DAVISE



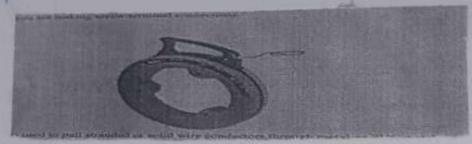
Where Steeppears and cultury



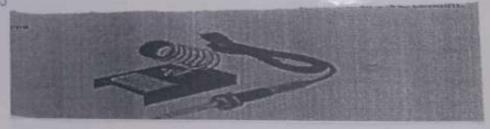
was pleas



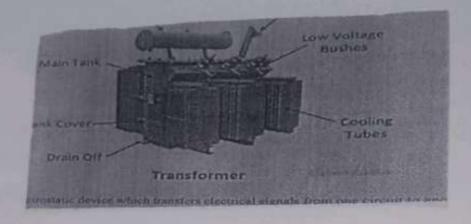
Fish Tape



Soldering Iron

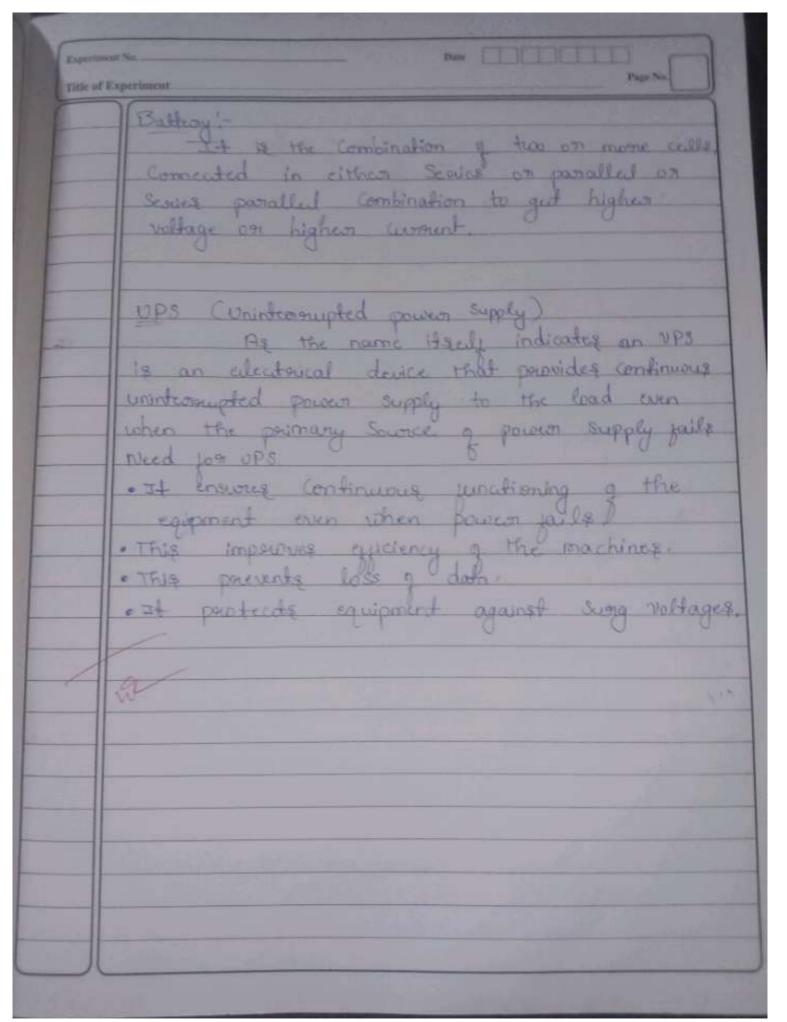


- Januayommen

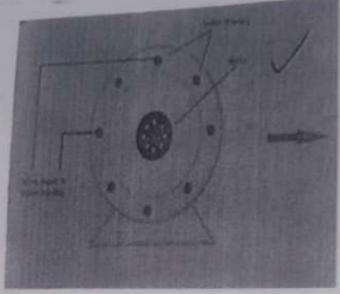


wooding pounciple of townstoomen

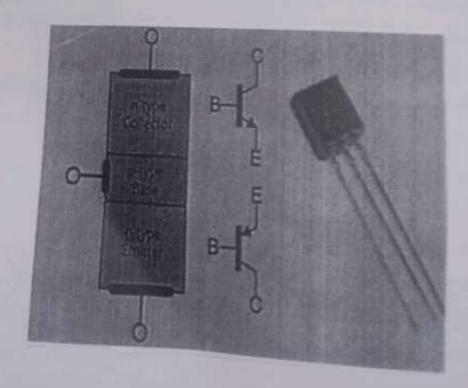




Industrian motor

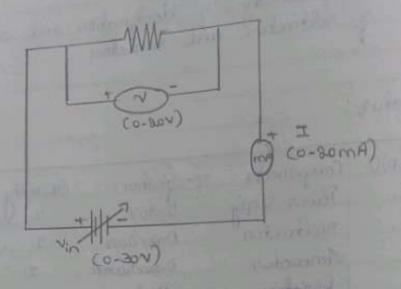


Tenansistans



Experiment N	o DatePage Nu.
- 3	Range - Measumernent Amelt g Senson
4	devices as the readings changes with the
S.	Resolution - Smallest increment dejected by the
	Senson
6.	Cost
3.	Repeatability - The needing that varies it
	repeatedly measured Under the Same
	ensistenment.
	0 1 1
	An acutation is a device used to
	more on conterol a body on mechanism in a
	linear on gestalony direction using a
	Contool signal.
	0
	Types of Autuations.
	· According to type of motion.
	1. Linean
	D. Rotary actuation.
	· Accompling to type of power used.
1	Hydraulic
2-	Precumatic
3	Electrical
A St.	Magnetical Actuation.

cincuid Diagram;



Title of Exp

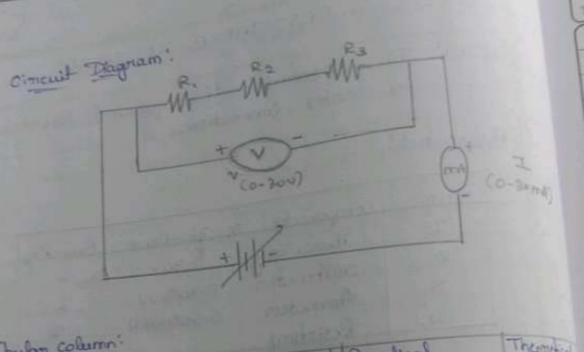
Tabular column!

SI No.	Triput vellage, Wn	Resiston. Vin Valle	Cooper Horough Register. In milli Arrys	Resistance, Royan
5	N Washington	0.98	Iran	1.410-8 = 0.98k A
\$	24	1.99	2.03mA	1.992 0.98K.R
3)	37	3.14	3.19	3.14 = 0.98 KS
바	47	4.18	4.85	4.18 - 0.91 KS

Result: The resiston value is IKI

Experiment No. ... Title of Experiment 4. Record these data in the tabular Column. 5. Calculate the practical resistance value 6. Compare phactical and theoretical values

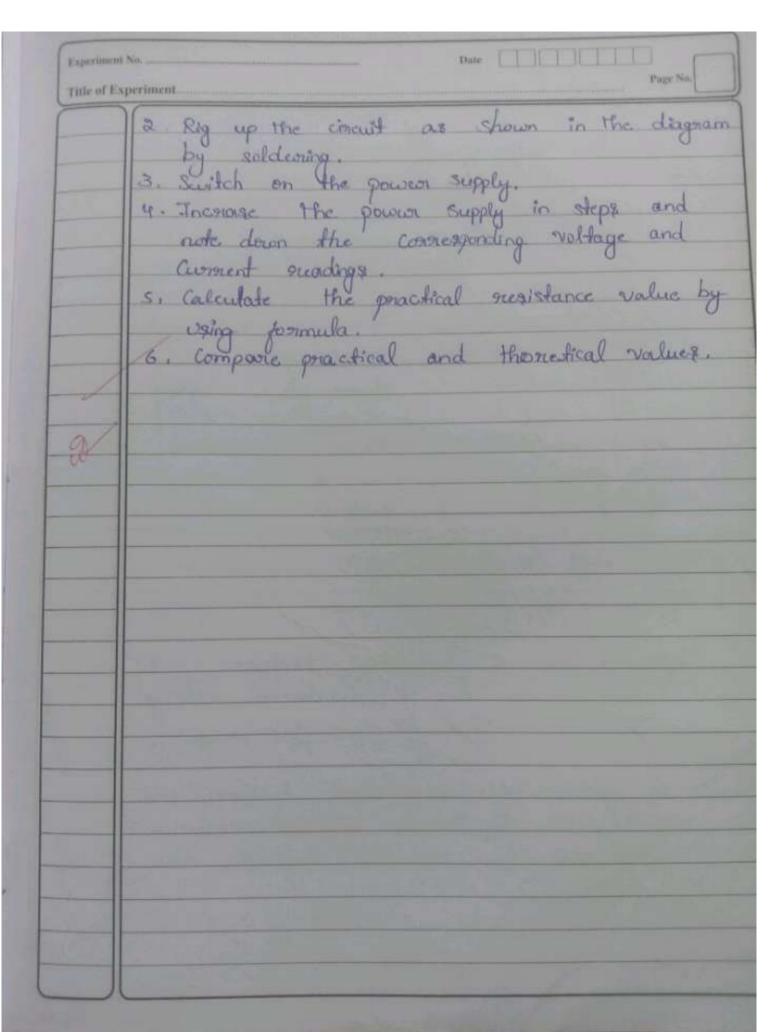
52

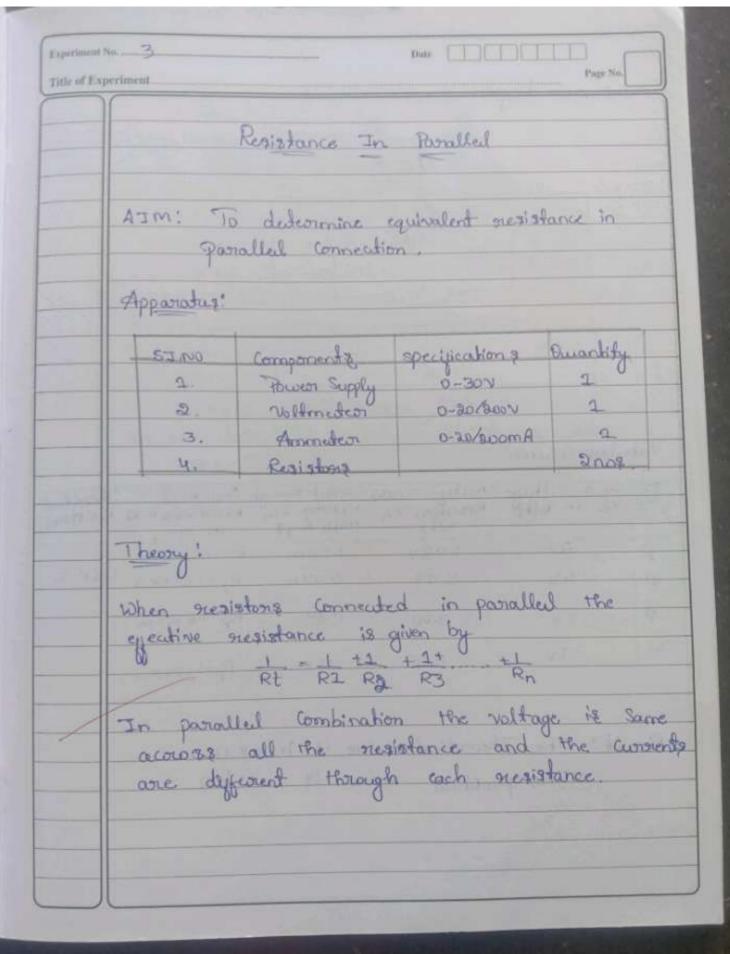


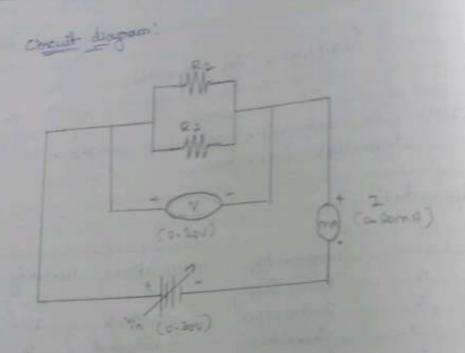
51	input voltage	No Hage acouses Resistor. Vin	Resiston, I'm mills Ampa	Practical Recistance, R=V/I Resistance in ohms	
			0.53m	3K.12	
23	2V 4V	1.59V 3.17V	1.06 m	2,99K-12	
3)	67	4.737	1.57m	8'daku	
w	8V	6.070	12.09m	3/4.52	-
4	marklet si	There is		A LO APPORT	

Result: The therolical value is 3ks. The practical value is 2,99ks.

the trace







Tobular Columni

52.	Ind to Hage	Resiston, Nin	Resister, I'm milli Amps	Personal Region Region in Ohms
3	an	1.980	1-99 m	6=1-600 KUT
2)	47	3.47	0.44m	Rp = 1.633 KA 1.6K
3)	37	3.00	1.84	Rp=1.630km
43	10	0.49	0-61	Ro=1.coak

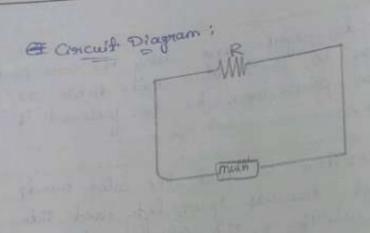
Result: The Theoretical value it 1.68 km.
The provided value it 1.68 km.

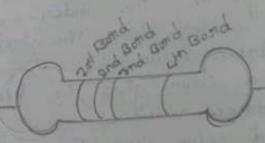
Experiment No.

Title of Experiment

title of Expe	eriment Page No.
	Brocedure:
	1. Calculate the resistance value by using colon code chart and find out the Theoretical total resistance value.
	D. Rig up the circuit as shown in the diagra by soldering. 3. Switch on the power supply. 4. Increase the power supply in steps and
	4. Increase the power supply in steps and note down the commessionaling voltage and current neadings. 5. Calculate the practical resistance value by
	6. Composed practical and theoretical values
8	
Re l	

Title of Experime Example diagram

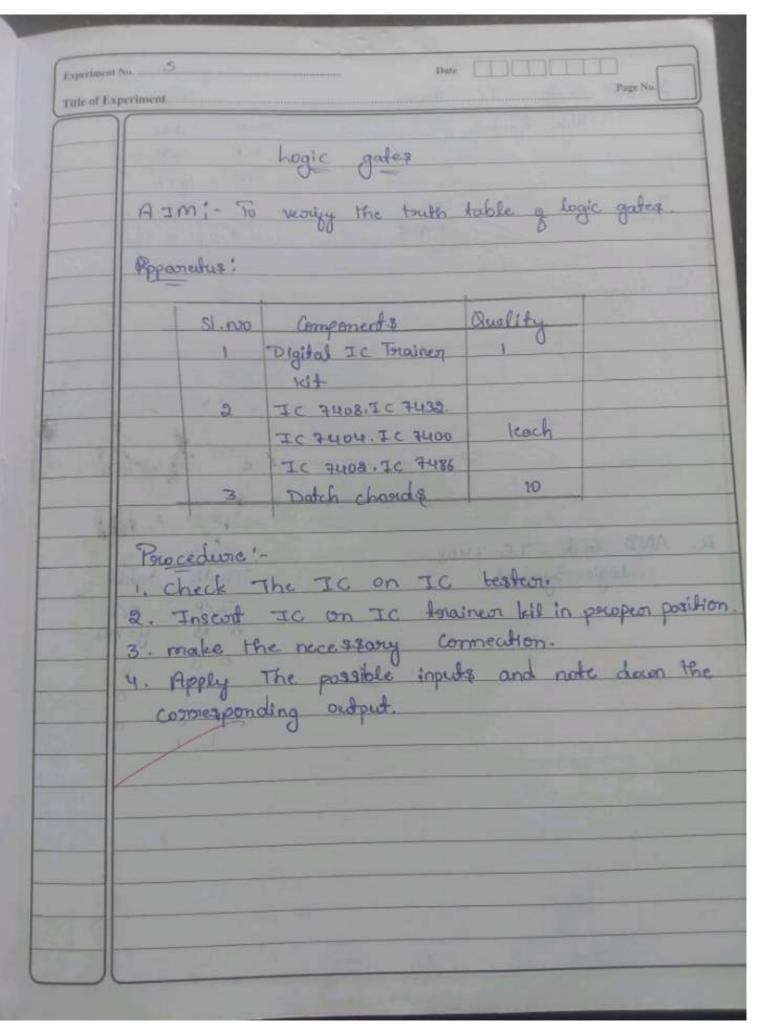


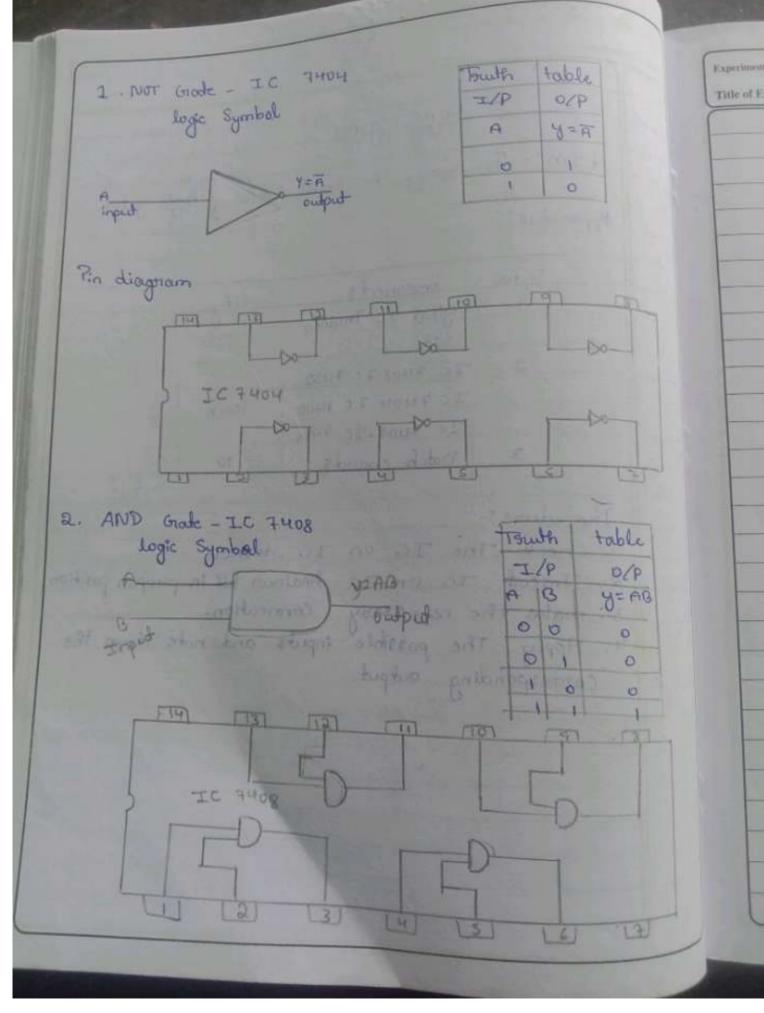


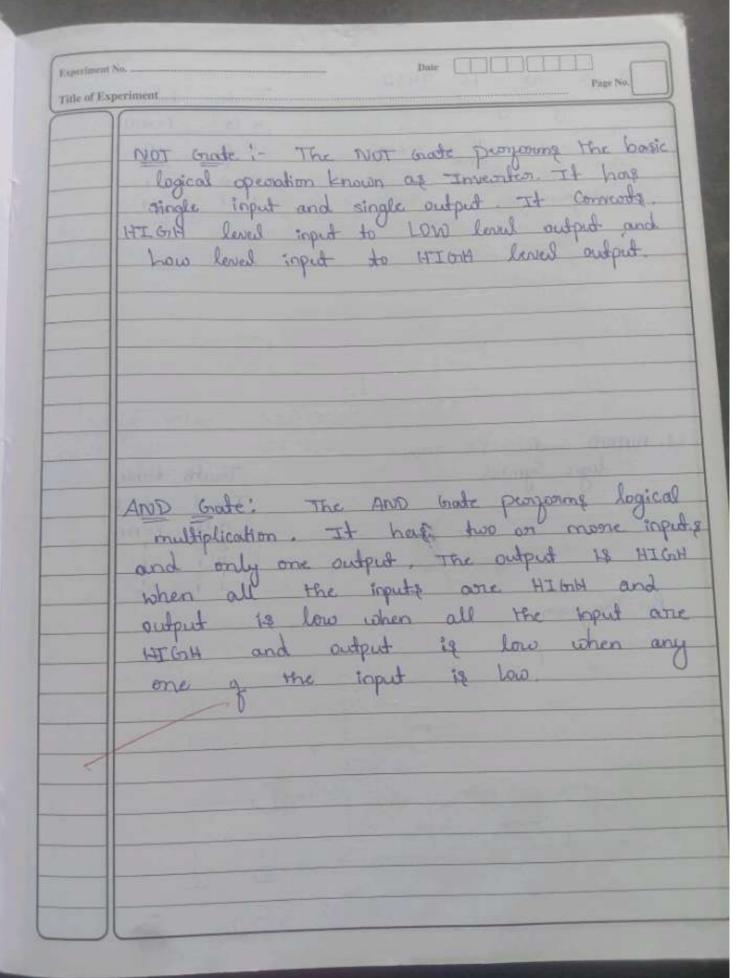
SI	Band colos	I Bamd	gand Bound	and Band	Tolesiance
500	Black	0	0	16	1%
2	Becom	A Kent	reals o	10	2%
3.	Red	2	9	103	Marine .
ч.	Ogrange	3	3	103	
5.	Yellow	4	ч	lou	
4.	Govern	5	5	103	
7.	Blue	6	6	106	5 4 3
8.	Violed	9	7	107	100
9.	Gory	3	8.0	108	
10.	white	9	9	109	No. of Street, St.
13.	Gold		9300	A STATE OF	5%
12.	Silven		WS 330	Mesers N	W. W. W. W.
13,	No colos			1	1070
4.	Pink			-	20%0
	N. S.				High stability

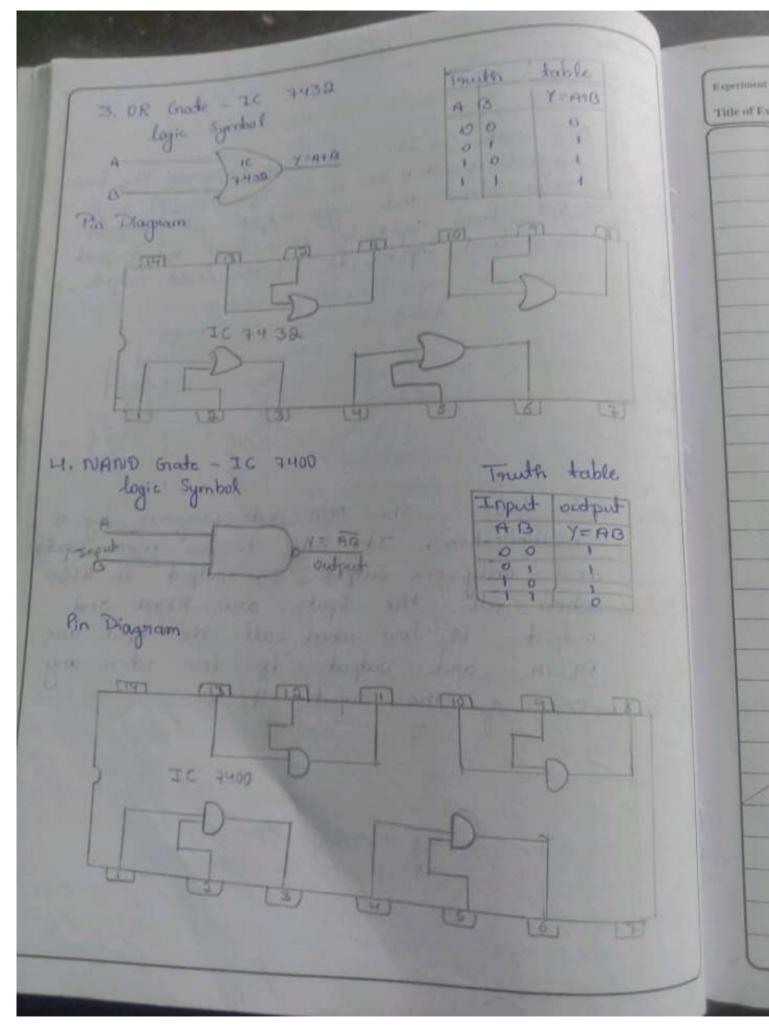
Experiment No. .

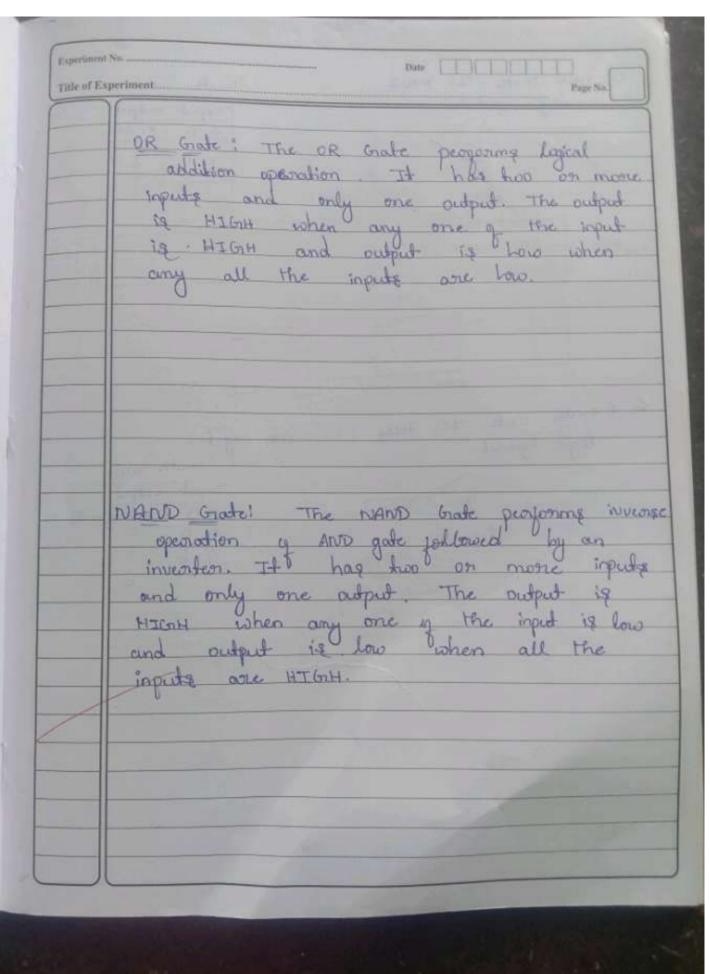
Title of Experies

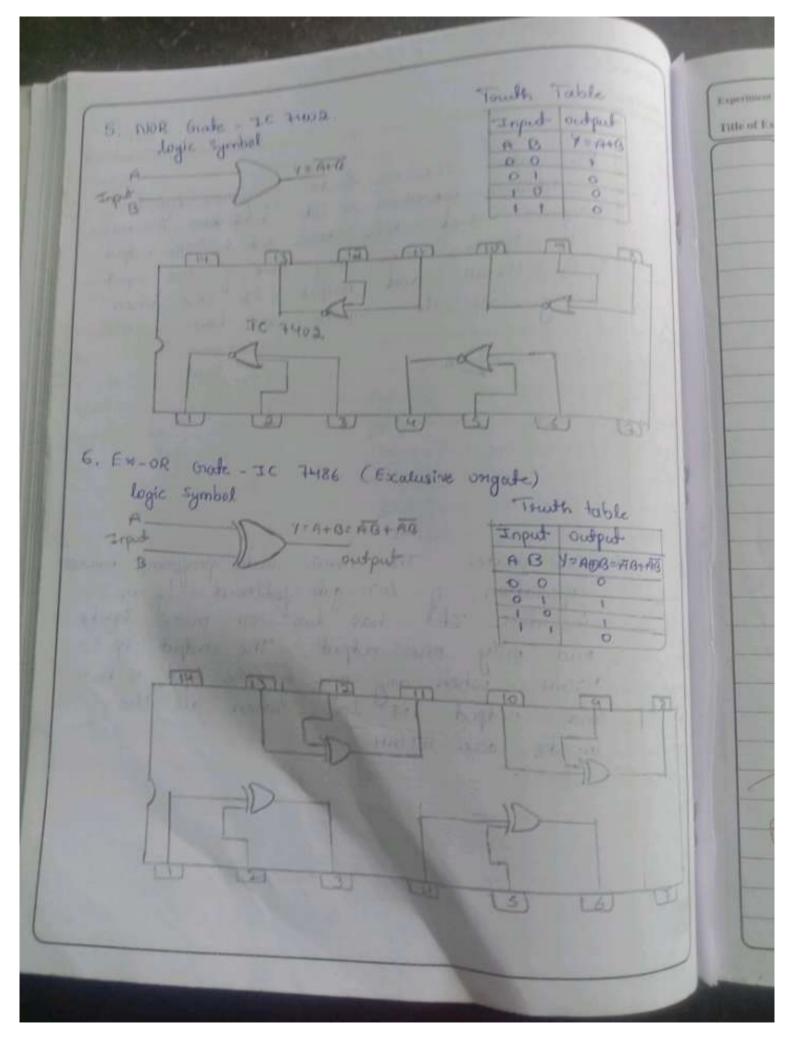


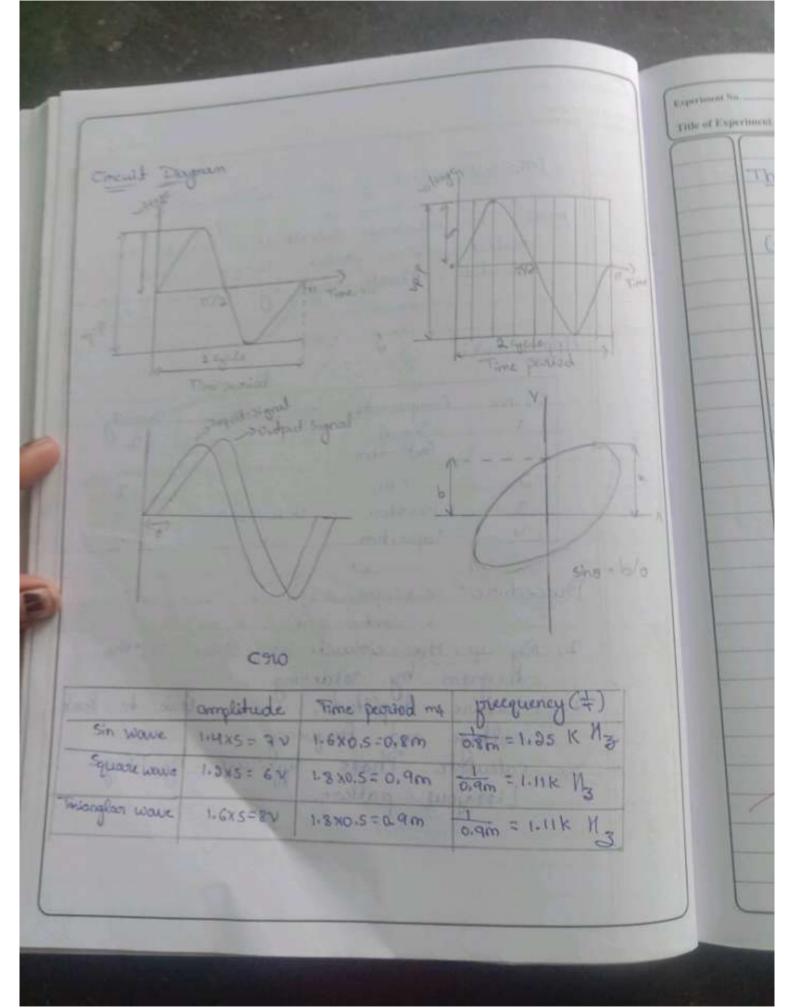










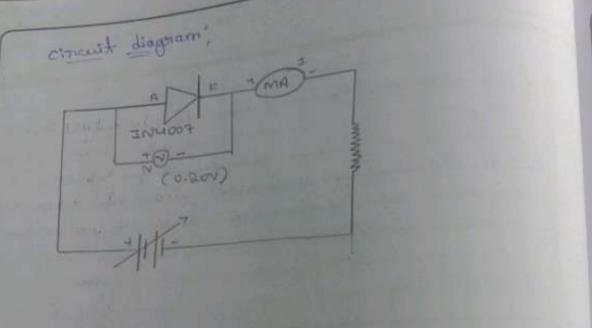


Date: rate of Experiment Theory: (voltage on Goment) is the instantaneous value of that alternating quantity when it reaches Its maximum value of the positive distration on regative distration. Tim Puriod to complete one cycle is called Time period.

It is denoted by T and measured in Secondy. Forequency: The number of cycles per second is called Frequency. It is denoted by F and measured in Hearts. cyclo:

An alternating quantity is said to have completed one cycle when it passes through one set of positive and oneset of negative ralies, consecutively.

Date Date Tale of Experiment Phase Dyemence: Phase dipenence between any two alternating quartifica is the angular displacement, by which the two alternating quantities - reach their maximum on zero values in the same direction during a period of one syste.

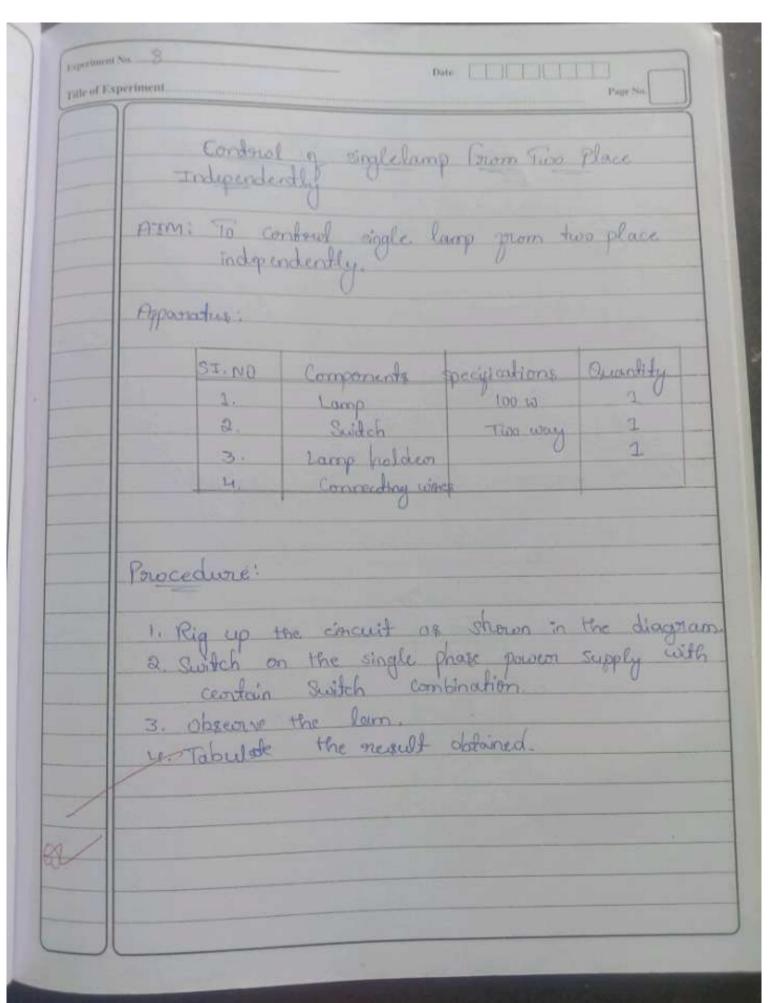


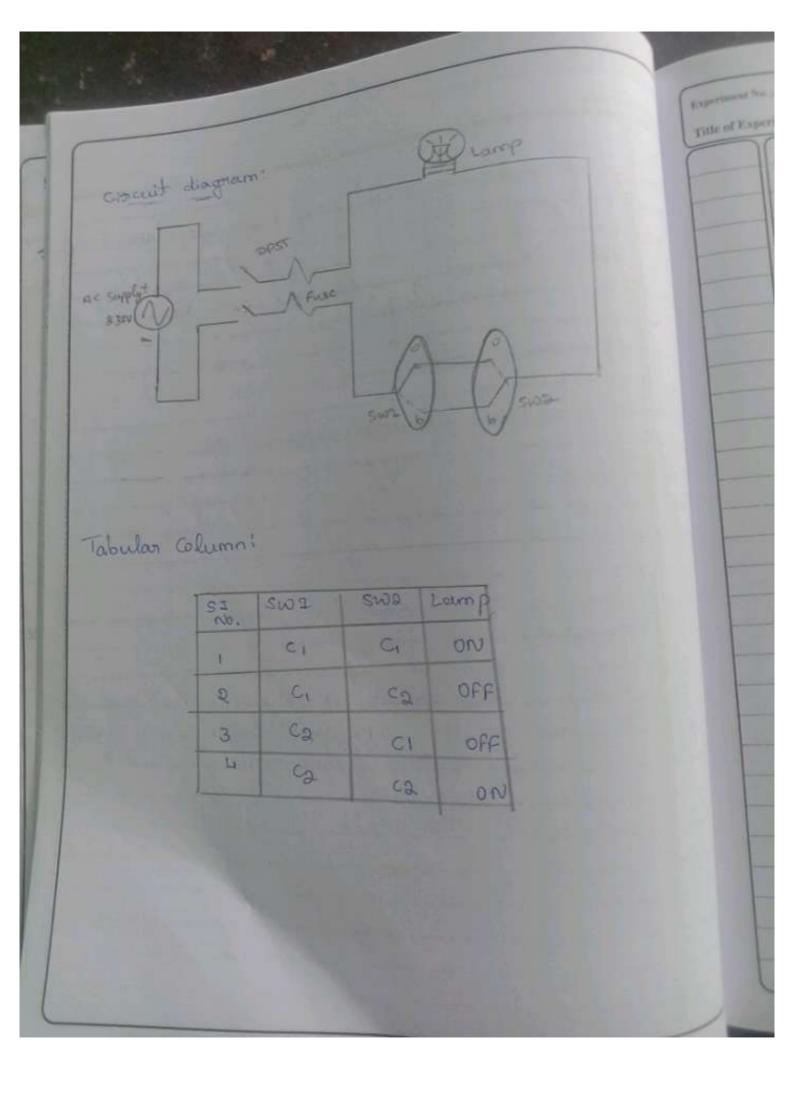
Tabular Column!

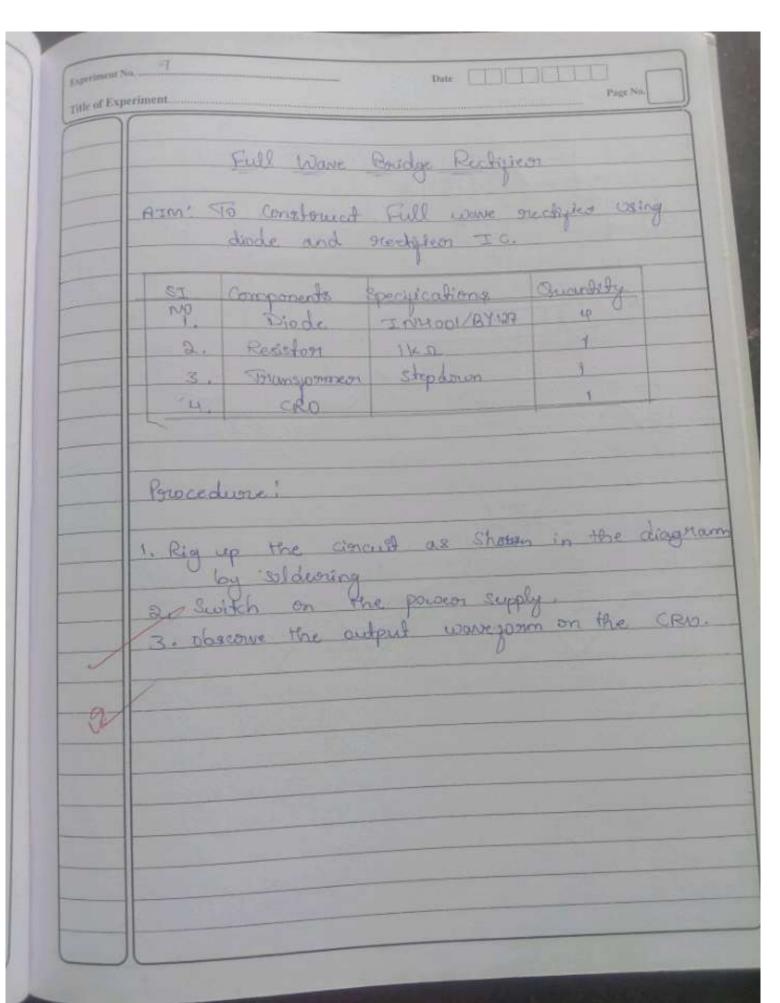
SI	Input voltage	wolfage account	Tin milli Ampa
1	0.1	0.16	0.00
2.	0.0	0.34	0.00
3,	0.3	0.39	0.00
4,	0.4	0.141	0.00
5.	0.5	0.43	0.03 mA
6.	0.6	0.49	o. vs mA
7.	1.0	0.50	0. 33 m A
9	2.0	5, 53	2.34 mA
+		0.60	9.27 mA

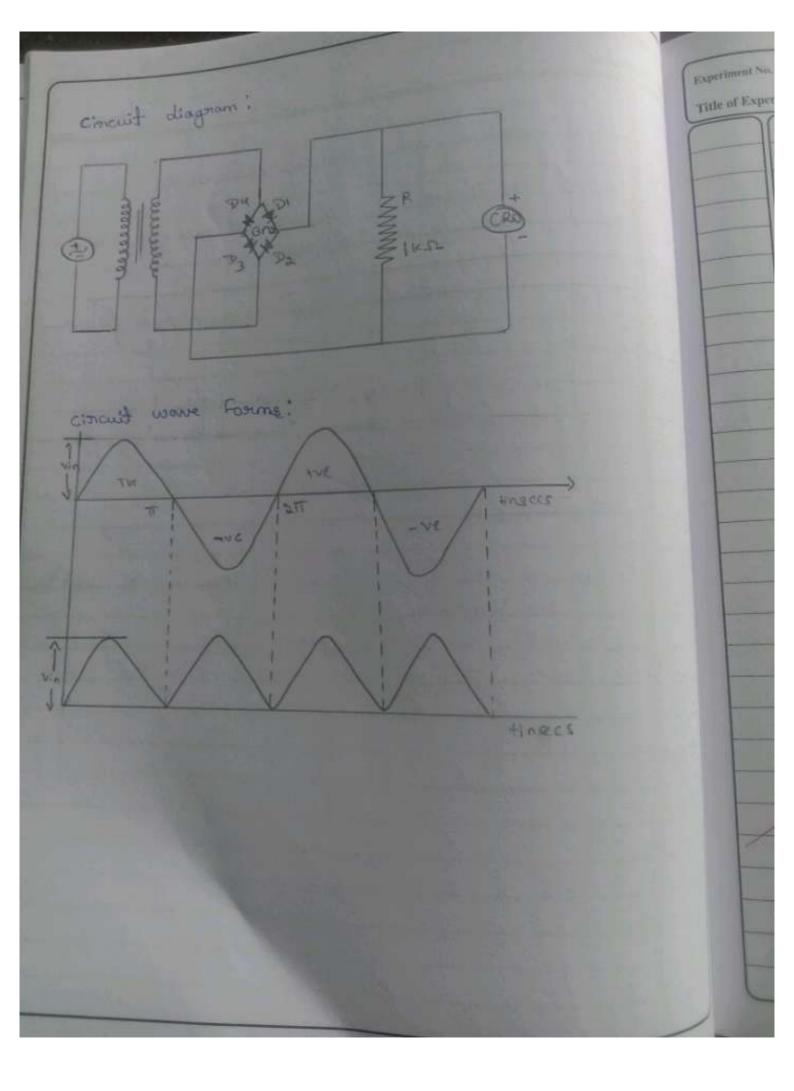
Experiment No

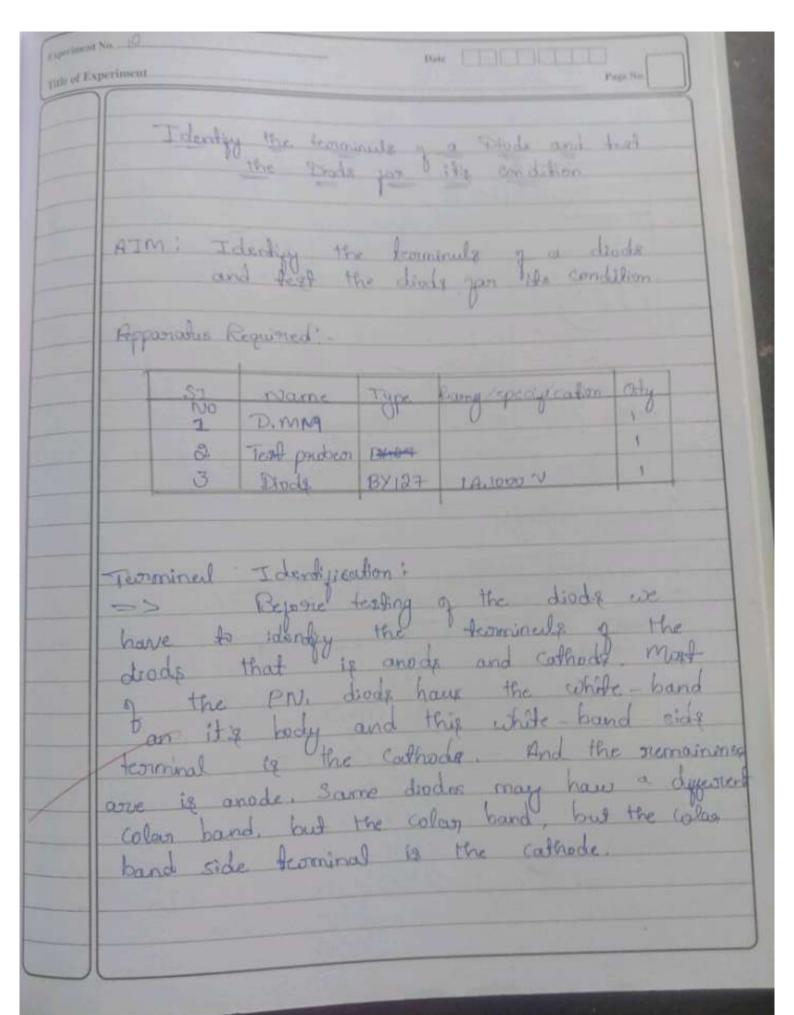
Title of Experimen

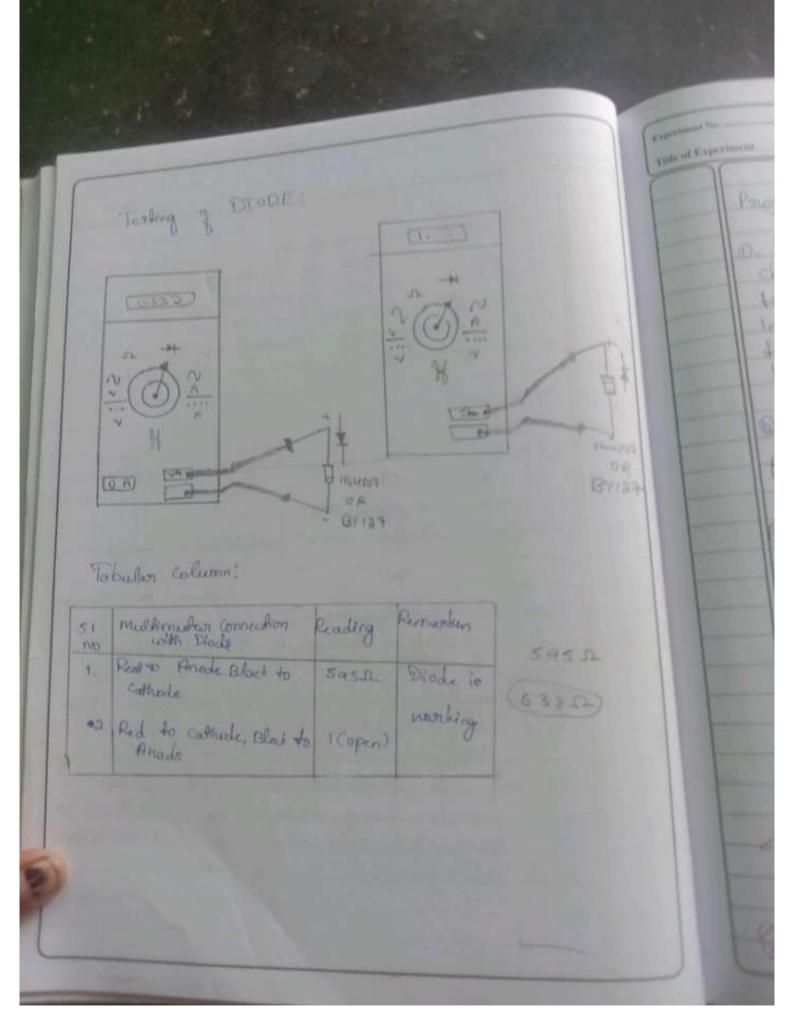












rule of Experiment Perocedine: On keep the digital multimeter (orms) in diade churcing made by markey the certical humb to the place where the diade fymbol is indicated. In the made multimeter is copale to Supply a current of butween the led leads & @ Consul the rul people to the anada and blude perabe to the calhode. This means dide is jacon 3 obsurios the reading on outer display displayed voltage value is in but the diods is healthy and project from geomanium diodes this value is in brotiseen 9 Now greverise the featingle of the mulein that means commit cohere no current flows through plans thorough it. Hence the miden should the diods is healthy.