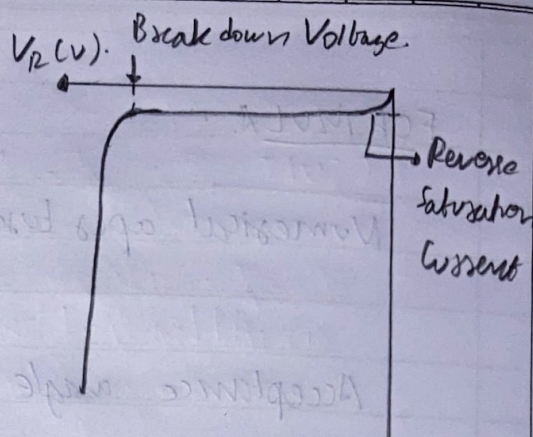
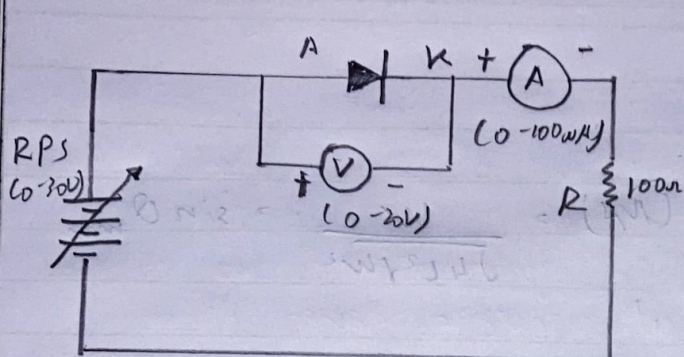




Experiment

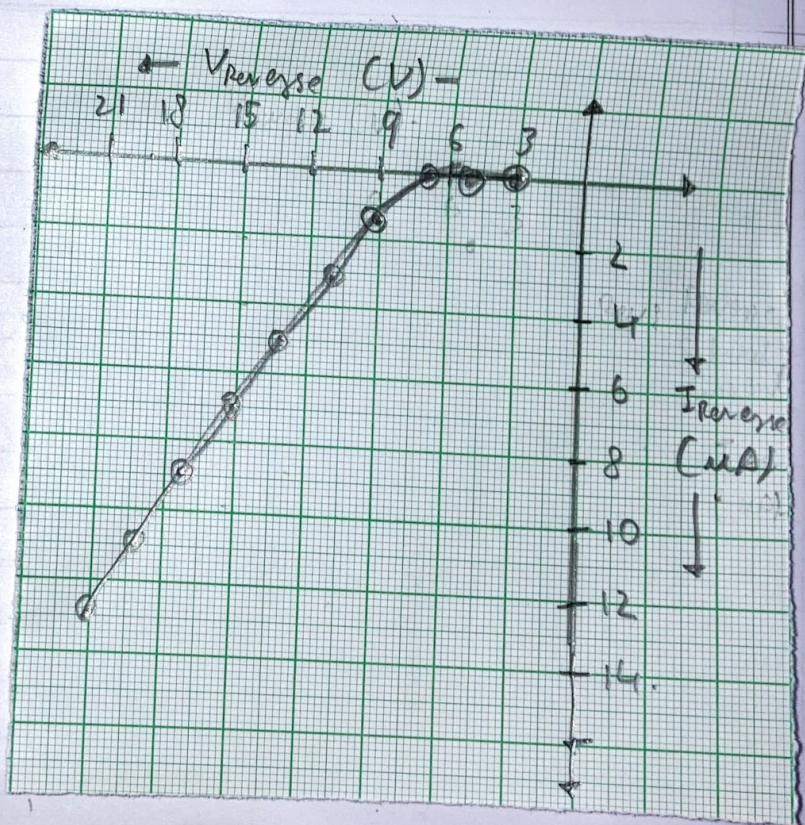
Name



PN - Junction Reverse Bias

Graph:-OBSERVATION TABLE:-

Sr. No.	Reverse Voltage $V_R$ (Volt)	Reverse Current $I_R$ (μA)
1	0	0
2	3	0
3	5	0
4	7	0
5	9	1.5
6	11	3.5
7	13	5
8	15	7
9	17	9
10	19	11
11	21	13



Teacher's Signature .....



## CHARACTERISTIC OF PN JUNCTION DIODE UNDER REVERSE BIAS.

Aim : To plot the characteristic curve of  
PN junction diode in reverse bias

### Apparatus Required:-

A diode, DC voltage supplier, Bread Board,  
1000 $\Omega$  resistor, 2 multimeter for measuring  
current and voltage and connecting  
wires.

### RESULT:-

The reverse biased I-V characteristic  
of P-N junction diode is studied and  
curve is drawn.