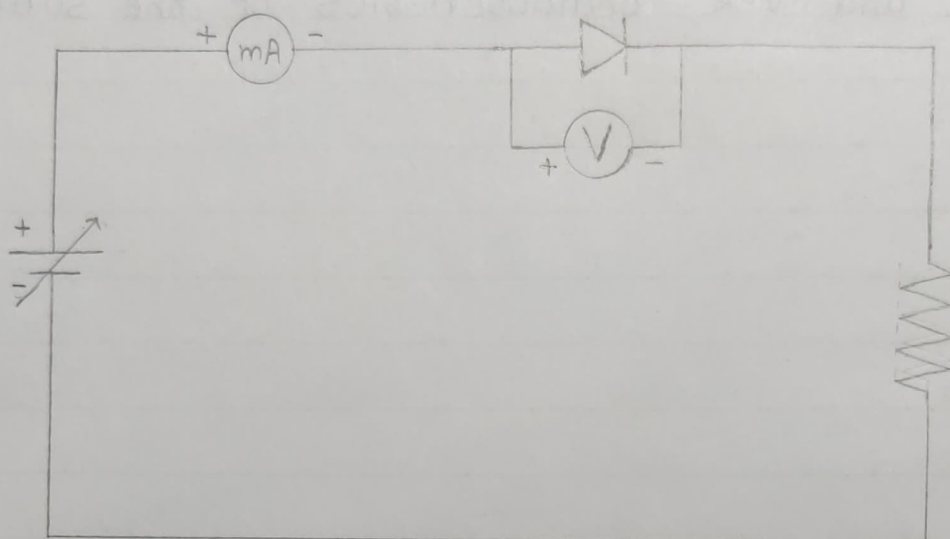


DIAGRAM \Rightarrow



OBSERVATIONS \Rightarrow

Sr. No.	Forward Voltage (V_f)	Forward Current (I_f)
	volt	mA
1.	0	0
2.	0.2	0
3.	0.4	0.5
4.	0.6	1
5.	0.8	2
6.	1.0	3
7.	1.2	5
8.	1.4	7.5
9.	1.6	10
10.	1.8	15
11.	2.0	20
12.	2.2	25

CHARACTERISTICS OF P-N JUNCTION DIODE UNDER FORWARD BIAS CONDITION.

AIM \Rightarrow

To plot the characteristics curve of PN Junction diode in Forward bias.

APPARATUS REQUIRED \Rightarrow

A diode, DC voltage supplier, bread board, 100- Ω resistor, 2 multimeter for measuring current and voltage and connecting wires.

RESULT \Rightarrow

The V-I characteristics of PN Junction diode is studied and curve is drawn.

Teacher's Signature _____

Graph of I_F vs V_F
Date: 10/10/2020
Page: 1 of 1
Topic: Diode Characteristics

