

Expt. No. The graph of voltage. Vs. camed coan platter (b) The wellie of the Enput. DC supply uses vail are had replaced . The voldmeter with multimeter (V) The voltige and current values were noted ment upto . a cextrain limet as are know that woltmeter can give measure of zever dipole and also employstand. The forward and ich mesteps found The lawstration of voltmeter in case of new extraont, are unclerstand the christine and functioning Towerse characteristics of a sener clock. ale ako arust chaquam Conclusions After conclucting The above en Il all the connections one made. The Connection were made & ghit The connection should be made as per The Poeccumous The circuit should not be sawh had ON until blased conclution Teacher's Signature:

Expt. No. Apparochus Requiredo AlM: To shicky the V-I characteristics of zuer meter, voltmeter, woultmeter, connecting weren out a precise value of weltage called breakdown Bread board 68 Qualand Theory's Jenes Chock to a hoarily deped sti region at the function necluces. If leads to the church of strong electric field and apple A ziner dioch conclucts excellently cum Pr closes not conduct benevered bus conclistion newers bluned concerts on There deckes operate 20 new Breck clouds of both p-side andn-side A zener. cho de cohen nouerred bice can undurge Olocle are glical. P. N Junistion also cle Mode breakdown or Zener breakdown. Page No. Zmir Ollade, Resistur, Am Teacher's Signature 23/01/a4 Date

Expt. No. The on disole and also found he timetation of the and and remove bland characteristics of a silic the understood the structure and functionings After conducting The above experiment in lab. on function. Chade and also understood The forms Precouston: terment dugam-The connections should be made con per the on clusions Connections were made fight Page No. Teacher's Signature : . Date

## Revenue Blas.

31.	5 (Supply)	Vs.(v)	Is (MO)
The second	1 1 1 1 1 1 1 1	1063	0
せかい ひかのけ	3	2-63	0
3	3	3.09	000
9	4	4.06	00
3	7	5	200
6	6	5.37	300
1	3	5.48	400
89	8	5.53	500
10	2	5.55	6 60
(t)	1)	5.57.	700
III D		5.58	800
13	13	5.60	- 300
14	19	5.61	(000
15.	15	5.62	1100
16	16	5.63	1300
17	18	5.63	1,00
		5.63	1 2 2

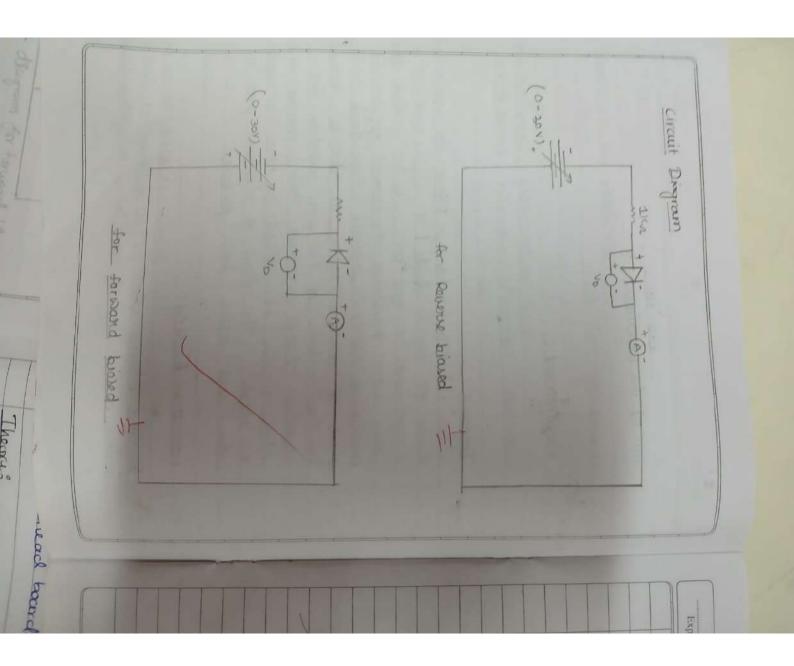
Expt. No. The corresponding voltage and anneter rueling may cheen noted.

More the take the care of newer brased the ful graph of voltage ( to) 1/2 current (Is) comptet voltmeter can glue machings upto a particular Connected a shoon who of guest? The profunction depletion home break down any This fine, we removed The not meter become Circuit boas connected anthrown Tuthe figure !. Procedure. The Corresponding notted and consent marging Remost for come of neverse . Based. The Romes U The value of the Enput . Or supply was variedly begins to flows. unwally by exthen Date

Expt. No. may flow Through The discle of batury in connected to the p-side (anode) of a discle therefore, way little current culliflow until the object. break closon. The holes in the cuill flow through the click. cheterzmenes functions will also be pulled a court from the function with similar effect once the electric full quitansity incruises. beyond a control level of buttery is come cheel to The p-sicle (auscle to n-side ( cathode) and the negligine transmina p-type mentincel one public a way from the fun Function of a p-n Junction chocke in Remove hier to n-sacle (cothocle). and The nigative termina on . In connected to the positive terminal. The coursing The discitu of the depletion nexion Trunction of a p-10 Junction allace on Reverse Bray to In Greak The positive termined of battery is connected positive terminal of battery is comme tec The comount of current 18 Le cuive becourse The m-type nego Page No. Teacher's Signature : .... Nes Date

Other retentable ; for forward blus (n) Robbia Anspiron voltage supply (v) Table 2.º Pox Remains 0.632 ( Am) a I

Expt. No. The negetive. termence . nearly . remend and n- type to the postile The holes & The p-type region and The electron The n-stile checkeases with The neasing The change to potentical between The p-sicle and The function and steet is neutralise The did to the p-st de and The reguline state of the but Charge cliffusion is the near newtral zones a. The holes cohile The negotive potentical app The positive termency of buttery is connected hecames the enough. The amount of minority be of the notype mederales repels the election potential applied bas Remerse -unction of whom pofces voltage the depletion zone eventually in connected to the in-tick of the oldock gone preducing it's cuick. pm function check inforward Page No. semiconductor to connected to to the p. type meres and repe The position Date



Expl. No. consent autorward bies and nearly infinite Almo To study The V-I characteristics of a When p-type remocionalicity is connected to the blassel be, current in negligible or blocke on control clock. If in the combin Appearatus Required: Ammofes 1 Torward blusing affor of P-1 nesistor, as offered & The flow of current A 12-n guncian boknown on for remicondus L Parson southison over throon ration givent in Bolon of p-n Junction bread bourd ), Voltmeter, Connecting creacen, Type "and n-type & miconductor Page No. dioch Drock, Teacher's Signature Globar sonned 16/01/24 Date