

## OBSERVATEON! -

# INPUT CHARACTERISTICS OF COMMON BATTLES TRANSISTED.

							3	
0.60	84.0	6.47	9±-0	0.73	69.0000	VBE (V)	700	
10	7	7	W	,	0	IB(MA)	NCE - 7 A	100
Co	t 5	0.48	0, 42	0.4	0 8 2 7	VBC (1)		VLE =41
	0 +	1 ,	91	N		0 73	I. (11)	24V

THE REAL PROPERTY.	+	6	9	) 4	ىر	N	-	0.00	2	DUTPU
	+	6	9	4	v	2	_	V4 (V)	$\mathcal{I}_{\mathcal{B}}$	I CHARACTE
	5	4	И	V	9	در)		Ic(mA)	B = 80MA	BIRTICE OF LOW
	+1	. 6	9	4	(V)	2	-	N. CV)	IB =	MON CHARLE
1	+	+1	+	4	6	4	. 2	La (M.A)	IB = 100 MA	

## PROLETURE:

# INPUT CHARACTERISTICS OF CF TRANSFORM

of Vac. Not down the value of te. voltage Vie is left constant at all and for diffunt values (i) Comect the court as per the circuit diagram (ii) for pletting the input characteristic the surpris

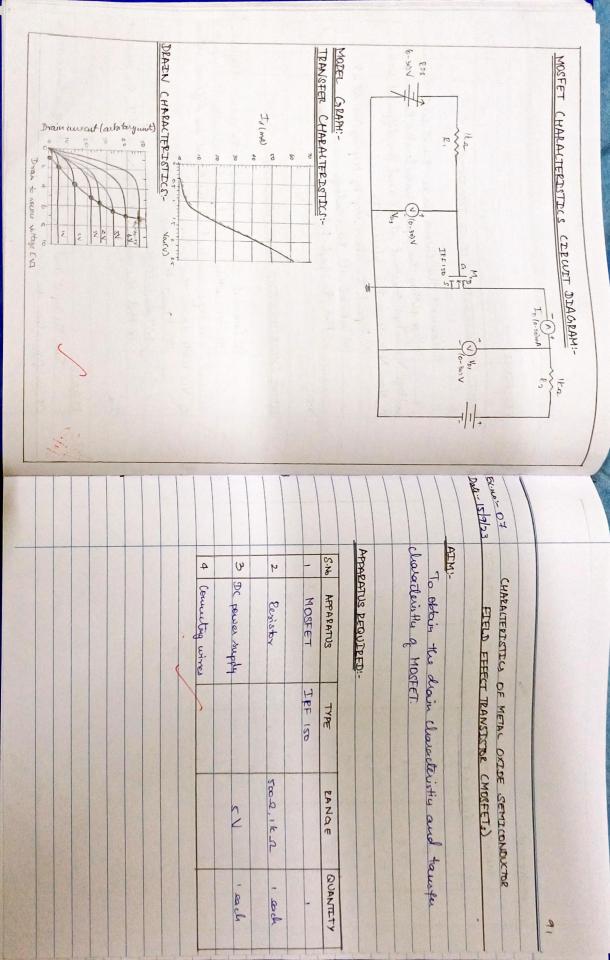
(ii) Repeat the above step by leeping Vice at 4V. (is) Tabilate all to reading

(v) Plot the goph between Var and Is for constant

# OUTRIT CHARACTERISTICS OF CE TRANSISTOR :-

current Is is left constant at \$6 µA and for different values a Vie mote about the values of Ic. (ii) by plotting the output characteristic, the input (1) Courset the circuit as per the incut diagram. (ii) Expect the above stop by teeping Is at 100 µA. (i) Tabulato the readings. (1) Het the graph between Vice and I for coustuit

CE configuration are drawn. Thus, the lipit and output characteristic of a touristor in



DUTIN CH	DUTY CHARACTERSTILL	STEUTHANNING 23 SONWAL	TUTTE HOW
4	Vas =4.5 V	V28 = 4.5 V	4.57
56 N	$\mathcal{I}_{b}$	Yas	7,5
0	0	0	0
0 4	0.5	0.5	0
-	-	4	0
- <del>'</del> 9	1.2	1.3	-
2	1.9	1	
2.5	2.2	4.4	1
lu	2.8	4.6	3.8
33	3.1	d	4
4	3.5		
4.5	4		
9	A.1	The second section of the second	
9	4.2		
6	4.2		