	S.No. 628 S.No. 628 S.No. 628 S.No. 628 S.No. 628	Perform compleme
	S.No. 628	d) Explain transistor
	No. of Printing Pages . 5	& β.
	n-ul-	Q.N.3. Atter
	Paper ID: 43401 No. Marks	With ne junction the outp
	B.Tech. Examination -2023-24	127
	(Odd Semster)	(a)
7	BASIC ELECTRONICS ENGINEER	
1	Time: Three Hours [Maximum Marks: 60 Note: - Attemtp all questions.	What and A Deter
	SECTION-A VEO	show
	1. Attempt each part in this section. Each part carry equal marks, gillo your more now ob tarl W 8 x 1=8	b) .
	(a) What is extrinsic semiconductor? (b) Draw VI characteristics of an ideal diode.	12
	(c) For $\alpha = 0.98$ find the value of β .	
	(d) Why FET is called unipolar device?	Wp
	[P.T.O.	(c)
		70



