3R	8R	88	88	8R	8R.	8R
Сос	de No: 134CC JAWAHARLA B.J	L NEHRU TE Fech II Year I	CHNOLOGICA I Semester Exam	L UNIVERSIT inations, May -	R16 TY HYDERABA 2019	AD
$S \subset \mathbb{T}_{rin}$	3R	() PULSE	AND DIGITAL Common to ECE, 1	CIRCUITS	-8R	Sarks: 75
Not	Part A is compu	llsory which can of 5 Units.	wo parts A and B. arries 25 marks. A Answer any one may have a, b, c a	nswer all question from from the following from the	om each unit.	Each
1.a) b)	Illustrate the ou	tput voltage an	s as a high pass fild loop current was	veform of a RC	low pass circuit	[3]
c)	The input to the	clipper circuit	t is V _m Sinot. Illus cs shown in figur	strate the input a	nd output wave	form with [2]
				$V_{R2} > V_{R1}$		
	· · · · · · · · · · · · · · · · · · ·	king of an emi	Figure: 1 tter coupled clipp ansistor switch cir	er.	its working.	[3] [2]
e) f) g) h) i) j)	Illustrate the cir What is bistable Define Sweep s Illustrate the did	cuit of transiste multivibrator' peed error and ode OR circuit	or non-saturating some or non-saturating some of the different error for negative logic tris different from	switch and expla ferent names of i or. and give its trut	in. it?	[3] [2] [3] [2] [3]
•	*		PART-B		(5	0 Mandae)
2.	20V and a period dB frequency is	od of 2μsec. This is 1/2π MHz. D	hose average valuation is waveform is a Determine and ske	pplied to a low- tch the steady s	peak to peak am pass RC circuit	whose 3-
3.	duration of the waveform is in	positive section pressed upon	OR to-peak amplitud is 0.1 sec and the an RC integrating mum and minimu	at of the negative g circuit whose	e section is 0.2 s time constant i	sec. If this s 0.2 sec,
8R	8R	8R .	8R.	8R	88	8R



