Q.I	P. C	ode: 18]	EE021	2									10012	ETRI SA	R18
								V-TW		-		_			
Re	g.	No:				neter	O ELST	IsO si	alla6	ni for	high	o aoi	94 02 od		
		SIDDH	ART	H INS'	TITU	TE O					TECH	INOL	OGY::	PUTTU	R
		R	Tech	III Vo	or I S	omost	•	JTON(mina	tions	August	-2021	
		D.	I CUI					AL M					Tugust	-2021	
					(El	ectrica	al and	l Elect	ronics	Engir	eering	g)			
Tin	ne: 2	3 hours						DAD	та					Max. N	1arks: 60
					(Ans	wer al	l the (<u>PAR</u> Questi		$x^{2} = 1$	10 Ma	rks)			
1	а	Which	of the	follow				-			i o ivia	iks)			2M
	b	Which									nce?				2M
	с	Potenti													2 M
	d	Voltbo	x is ba	sically	a dev	vice us	sed fo	r							2M
	e	The eq	uation	of mo	tion o	fgalv	anom	eter at PAR	•	nstant	is give	en by			2M
					(Ans	swer a	ll Fiv	e Unit	s 5 x 1	10 = 5	0 Mar	ks)			
2	a	How t	he ele	etrical	measi	iring i	nstru			assifie	d?				5M
2	a b			ut error		-						ments			5M
	~	21500				eemp	•	0							0111
3	a	Descri	ibe the	consti	ruction	n and	worki	ing of	attract	ion ty	pe MI	instru	ment?		5M
	b	A mo	ving	coil in	nstrum	ent h	as a	resista	ance o	of 10	ohm	and g	gives a	full scal	e 5M
						-		how h	ow it	can b	e adop	oted to	measu	are voltag	e
		upto 7:	50 V a	nd cur	rent o	f 100 .	A.								
								UNI							
4		plain s sistances		ition	metho	od an	d po			meth	od fo	or me	easuring	g mediur	n 10M
5	E.				1			0							1014
5	Ex	plain the	e cons	tructio	n and	WORK1	ng of	UNI		oriage	with s	uitabl	e diagra	ams.	10M
6	a	-	on tes	ting as	s maki									t hour. It i load. Fin	
	b	-	-			, mo	ving	system	1 and	braki	ng sy	stem	in a si	ngle phas	e 5M
		inducti	ion typ	e ener	gy me	eter.									
								0	R						
7	Gi	ve the	constr	uctiona	al det	ails o	f elec	etro de	ynamc	meter	type	wattr	neter w	vith a nea	at 10M
	ske	etch.						UNI	Γ-ΙV						
8	a	Discus	s C T	and P	Т.										6M
-	b	Why se				nould	not be	e open'	?						4M
								Ó Î							
9	a	How d	o you	Standa	ardize	a Pote	ention	neter?	Expla	in wit	h a ne	at diag	gram.		5M
	b	Discus	s slide	wire I	DC Pc	otentio	meter	r.							5M

Q.P. (Code: 18EE0212 UNIT-V	R18
10 a b	Derive the equation of motion for Ballistic Galvanometer.	5M 5M
11 a b	How do you measure leakage factor using Flux meter.	5M 5M
	END	
	- dideering Witer eerging Stima-Show-haw it can be adapted to match o valuate sear 1963, and control of 1993.	
	Discuss C. 1 and P. F	
	Variation of C.T. should not be open?	
	bios do par Strudardice o Potenicaneter'' Explain with a next diagram	