Reg.	No:]			
0									<u> </u>				DUTT		
	SIDDI	HAKII	H INS	IIIU	TE O			DMOU		TECH	INOL	OGY:	: PUTT	UR	
	вт	ech III	Year	ll Ser	neste	 			/	amin	ation	s Mar	ch-202	1	
	5.1		i cui					ND PI				o mai			
								ronics							
Tin	ne: 3 hou	ırs		•					0		0,		Max	. Marl	ks: 60
				(A	nswei	all Fi	ive Un	its 5 x	12 =	60 Ma	irks)				
				(115 *** 01		Contract of the local division of	IT-I		00 1/10	(110)				
1	a Wh													6M	
													6M		
OR 2 Write short notes on the following.															
2					llowir	ng.									1014
	. ,	rent ch		•											12M
	(II) Cui		opping	, ·			UN	IT-II							
3	a Exp	olain in	detail	about	prima	ry and			otectio	n.					6M
											he pur	pose o	of shadin	ıg	6M
	in an induction disc relay?											UIVI			
4	a Der	ive the	ovnroc	sion f	or tor	ano de		DR ad in i	nduati	on rol	0.17				6M
	a Derive the expression for torque developed in induction relay.b What is Static relay? What are the advantages and disadvantages of static relay?											?	6M		
							-	T-III							UIVI
	A 3-pł	nase tra	nsform	ner ra	ated f	for 33	Construction of the local division of the		is c	onnec	ted s	tar-del	ta and	the	
5	protecting Current transformer on the low voltage side has a ratio of 400/5. Determine											nine	12M		
	the ration	o of the	curren	nt tran	sform	er on									
6	Explair	n with a	neat s	ketch	the o	nerati		OR Buchh	olz rel	av					12M
U	Emplui	i with a	neut s	Keten,	the o	peruti	and the second division of the second divisio	T-IV		uy.					
7	With	neat D	iagran	n Exp	olain	the			dista	ance	protec	tion	in 3-Ph	nase	1014
	transmi	ission li	ne.												12M
0	XX 7 */	1 .		1 0			(DR							
8		hort no bus pro			llowir	ng:									12M
		slay sc													1 2111
							UN	IT-V							
9	Explain	n the pr	otectic	on of s	station	is and	Section 2 and a section of the		agair	nst dir	ect lig	ghting	stokes v	with	12M
	neat scl	hematic	diagra	am.											1 2111
10	o	loin at	out D -	daar	٨	tor A		DR	the - 1	luce to	aaa 1'	and	ato car		(M
10	-	olain ab at is vo						-			-	sauvar	nages.		6M 6M
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