Regio	trat	ion No:													
I ATBI NUMBER OF FACES: I										M.T	ECH =101				
		BRAN IGINEERI	CH(S): NG,APP	GITA ELE: PLIEI	CTR CTR D EL EN Tir Ma	ISTE ONI ECT GINI ne: 3	RUM CS ( FRO EER 3 Ho arks	ENT LINE NIC! ING urs : 70	STR	ON UMI INS	ENT	ATIO MEN	N TATIO	ON	
AI	15W	er Questic The fig	gures in	the	rigi	nt ha	ind i	narg	jin i	ndic	$T_{ab}$	mark	(s. )	₽)	
Q1	a) b c d e c g b e e c	Answer the foll The sum of we What is race a What are the ir What is the dis What is the ne Suppose a giv of the specific readout, the multiplied by w What is autom What is CASE An ac coupled What is the er	ights in a seriound condi- nherent error advantage ed of samp en rms volt ed full scal aximum po hat factor? atic handsh Tools? I rms voltme ror in the m	elf comition are of bina and the second and the sec	nd how a digital ary we ad stat has a crest ble c node? splays	w it is on all meters of the control of 0.1	over comp	heorei ange f ecified of the	m? acility, at fu signs of the V rang	, perm ull ran al is t esigna ge of a	altting ge(10 the sp al?	O %).V	vitna 2	200%	(2×10)
Q2	a) b)	4 ½ -digit volte Explain the co Explain the p among them.	netruction :	and pri	inciple	of ope	eration	of LC	D.			give a	compa	arison	(5) (5)
Q3		Give a brief of block diagram	١.									card v	vith sim	plified	(5) (5)
Q4	b) a) b)	Give some low frequency measurement techniques with neat diagram.  Explain a master- slave JK flip-flop with neat timing diagram.  Construct a synchronous counter which will count the sequence 2,5,6,8,10 and repeats.									(5) (5)				
Q5	a) b)	Explain the di Explain the di	fferent digit	tal reco	ording	techn									(5) (5)
Q6	a) b)	operating modes.									fferent	(5) (5)			
Q7	<b>a)</b> b)	Give some te													(5) (5)
Q8	a) b) c) d)	Describe any DAS Digital Tacho Digital magno Colour monit	meter etic tapes	the fo	llowin	9									(5+5)

Digital multimeter.