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Te	otal	No. of Questions: 8]	[Total No. of Printed Pa	ges :2
			Roll No	
		EI/I	C-304	
		B.E. III	Semester	
		Examination	December 2016	
		Measurement Sci	ence and Techniques	
		Time: T	Three Hours	
			Maximum Mark	s:70
N	ote:	i) Attempt any five qu	estions. Total eight questions	
		ii) All questions carry	equal marks.	
		iii) Assume suitable dat	a wherever necessary.	
1.	a)	Differentiate between	Accuracy and precession.	7
			s in measurement system.	. 7
2.	a)	Explain working of Ho	et iron instruments.	7
	b)	Discuss instrument tra	nsformer.	7
3.	a)	Explain working of Mar of inductance.	xwell's bridge for the measure	ment
	b)	Discuss ohm meter and	working principle.	7
4.	a)	Explain working of Ran	np-Type voltmeter (DVM).	7
	b)	Discuss frequency met	er and its applications.	7
5.	Ex	plain working of samplin	g CRO, with the help of a suit	table
	dia	gram.	-	14

	a)	Explain working of spectrum analyzer.	/		
	b)	Discuss working of wave analyzer.	7		
		DIVI			
	Explain all the components of CRO and how the frequency				
		ase are measured with the CRO.	14		
3.	W	rite short notes on any two	14		
	a)	Function generator			
	b)	Displays (LCD and LED)			
	c)	Vibration Galvanometer			

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