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e. Compare Analog and Digital instruments.

	ELECTRONIC INSTRUMENTS AND MEASUREMENT 3 <sup>rd</sup> Exam/ECE/4361/Jun'2022	
	(For 2018 Batch Onwards)	
Duratio	M.Marks:75	
O1 Do	SECTION-A as directed.	15x1=15
a.		10/11-10
	ADC stands for .	
C.		15
d.	· · · · · · · · · · · · · · · · · · ·	
e.	The sensitivity of an instrument should be asas possible.	
f.	Define Sensitivity.	
g.	Which instrument is most accurate (PMMC/Moving Iron /Electro-dynamor	matar)
y. h.		netery
i.	Define Selectivity.	
j.	Define Precision	
	Define Limiting Error.	
l.	Full form of LVDT is	
	Full form of DSO is	
n n	Full form of DSO isand are passive Transducers.	
11.	Define loading effect.	
0.	Define loading effect.	
	SECTION-B	
O2 A+	tempt any six questions.	6x5=30
	Explain the working principle of LVDT.	0.00-00
	Principle of operation of PMMC instruments.	
II. İİİ.	· · · · · · · · · · · · · · · · · · ·	
	Working principle of Digital Voltmeter. Working principle of Function generator.	
	Explain the working principle of Strain Gauge.  Define Distortion factor meter.	
VIII.	What are the limitations of Digital multimeter.	
	SECTION-C	
Q3. At	tempt any three questions.	3x10=30
a.	J	
b.	With the help of block diagram explain the working principle of DSO.	
C.	Explain the principle of operation of Moving iron type instruments.	
d.	With the help of block diagram explain the working principle of Digital mul	timeter,