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	ON Francisco (1400 (Dayles)	
	3 rd Exam/ECE/6189/Dec'22	
	(For 2018 Batch Onwards)	.79.47
Duratio		.Marks:75
	SECTION-A	
	as directed.	15x1=15
	In a three phase system, the phase difference between two adjacent e.m.f. is	Electrical.
	Phase sequence is defined as	
	Wattmeter is an instrument which measures	
	What name is given to the coils across which load is connected?	
	How can iron loss be minimized?	
f.	What is generator?	
9	What is motor?	
h.	What is the function of commutator?	
i.	What is efficiency?	
j.	The armature of D.C. machine is made of	
k.	Losses in D.C. motor are	
I.		
	What is rotor?	
	What is a stepper motor?	
0.	What are the two types of stepper motor?	
	OF OTTON D	
	SECTION-B	. =
	tempt any six questions.	6x5=30
	What are the advantages of three phase system over single phase system?	
	Comparison between star and delta system.	
	Explain the construction and working of Transformer.	
	What are the loses in Transformer?	
	What are the common features of Rotating Electrical Machines?	
	Explain Faraday's laws of Electromagnetic induction.	
	What are the different types of excitations employed for D.c. generator? What are the loses in induction motor?	
VIII.	what are the loses in induction motor?	
	SECTION-C	
03. Att	tempt any three questions.	3x10=30
a.	Explain two wattmeter methods to measure power in a 3-phase unbalanced	
b.	Explain construction and working of Auto transformer.	
C.	Explain working principle and working of Generator.	
d.	Explain different types of D.C. motors.	
e.	Explain starting methods of squirrel cage induction motor.	
f.	Explain the construction working synchronous motors.	

