21	210	210	210	210	210	210	
					ration No :	Regis	F
B.Tech	DE			1	ber of Pages : 01	al Nui	Tota
E63003	PE	tion 2018-19	r / Back Exam	Semester Regula	6 th Se		
21	210	210	TRANSMISSIO		210	210	
			H : ELECTRIC				
			Marks : 100	Max			
			ne : 3 Hours				
•			ODE : F630				
vo trom	ii and any tv	ignt from Part-	mpuisory, an Part-III.	art-1) which is c	uestion No.1 (Par	wer	Ans
21	210	dica <u>te</u> marks.	t hand₂margir	gures in the rigi	₂ T _t he fig	210	
<i>(</i> 2			Part- I				
(2 x 10)					Only Short Answer	-1	Q1
					Mention the types of What are the factors	a) b)	
					What is LASCR? Ho	c)	
					Mention the assump	d)	
210	210	tion mode			Draw the schematic	e) 0	
			C & DC filter?	-	What are the compo	f)	
		rcuit	n araetz in brida		low to protect again Vhat is meant by ne	g) h)	
			•		Explain in two lines a	i)	
					What is the role of S	j)	
(C × 0)	of Turnbro)	A Fiabt aut	Part- II	aut Anaau Ta. (Salv Facused Char		00
(6 x 8) ₂₁₀	oi i weive)				Only Focused-Sho Write the Compariso	210 a)	Q2
					Vrite the special fea	b)	
					Vrite short note on (c)	
		41			Explain the application	d)	
		·	•		Give neat sketch of on the second second in the second in about the over the second in	e) f)	
		erter Stations.			Explain in brief abou	g)	
210	210	rcuit diagram?			Explain the operation	h)	
_ 1	on.				Draw the schematic	i)	
		·	•	•	Prove that insulation	j)	
	וטטטנטוס מוע	s and size of co	u, percentage it		system. Assume the same for both syster		
	e rectifier.			etween firing angle	Obtain a relation bet	k)	
		converters.	e power for HVD	s sources of reactive	Discuss the various	I)	
21	210	out of Four)	Part-III	r Tyne Questions	Only Long Answer	210	
(16)	ere Pd is dc	•	•	-	Explain that the ration		Q3
` '			J		ower transmitted.		
(16)	ers	nt in hvdc convert	e power requirer	e concept of reactive	Explain in detail the		Q4
(16)	e problems	and what are th	HVDC converte	cs generated in	Vhy are harmonics		Q5
	-				ssociated with the h	010	
21	210	∠1U -	210	210	Vith the block diagra	210	Q6
(16)							