TE-sem-27-CBGS-EE
PSA:

19/11/15

Q.P. Code: **6257**

		(3 Hours) [Total Marks :	:80
N.E	3. :	(1) Question No.1 is compulsory	1
		(2) Solve any three questions out of remaining	
		(3) Assume the suitable data if required and specify the same	
		(5) Assume the suitable data if required and speetly the same	
1	.0.	Ive the following questions	
1.	30	lve the following questions (a) Discuss the term maximum power transfer capability of a line	5
		(b) Discuss the corona QV diagram	5
		(c) What the role of tower footing resistance	5
		(d) Discuss the term transient.	5
		(a) Discuss the term transfer	
2.	(a)	Discuss the short circuit of synchronous machine at loaded condition.	10
	(b)	Discusses the transients on transmission line	10
3.	(a)	Derive the equation for fault current for LLG fault	10
	(b)	Discuss the sequence network of transformer	10
4.	(a)		10
	(b)		10
		circuit transmission line	
-	(-)	Diameter Company of the Company of t	10
5.	(a)		10
	(b)	Discuss the advantages and disadvantages of corona	10
6.	(a)	Discus the effect of length and power factor on performance of line	10
0.	(b)		10
	(0)	arrives at a junction with two lines of impedances 800 ohm and 200 ohm	10
		respectively, Find the surge voltage and the current transmitted into each	