

Improvement Test

Sub:	POWER SYSTEM PLANNING						Code:	10EE761	
Date:	17/ 11/ 2017	Duration:	90 mins	Max Marks:	50	Sem:	7th	Branch:	EEE
Answer Any FIVE FULL Questions									
							Marks	OBE	
								CO	RBT
1	Define power system reliability? Explain how optimal reliability level is determined in power system reliability planning						[10]	CO3	L1
2	With the help of schematic diagram, explain various load management.						[10]	CO5	L4
3	Explain in brief following real time operations: i) AGC ii) Stability iii) economic load dispatch						[10]	CO5	L4
4	With the help of block diagram explain computerized management of power system.						[10]	CO3	L4
5	What do you understand by load prediction? Explain regression analysis method of load prediction.						[10]	CO5	L4
6	What is power system state estimation? Briefly narrate the basic steps involved in estimating the best state vector.						[10]	CO5	L4
7	Describe any one mathematical optimization technique.						[10]	CO6	L1

*****All the Best*****

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