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Improvement Test

Sub:	e: POWER SYSTEM PLANNING Code								e:	10EE7	61
Date:	17/ 11/ 2017	Duration:	90 mins	Max Marks:	50	Sem:	7th	Branch: EEE			
Answer Any FIVE FULL Questions											
							Marks	OE	BE		
									IVICIA	CO	RBT
	Define power system i		kplain how	optimal reliabi	lity leve	l is deter	rmine	l in	[10]	CO3	L1
]	power system reliability planning										
2 With the help of schematic diagram, explain various load management.								[10]	CO5	L4	
3 Explain in brief following real time operations:							[10]	CO5	L4		
i) AGC ii) Stability iii) economic load dispatch											
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							[10]	CO5	L4		
	prediction.										
6	6 What is power system state estimation? Briefly narrate the basic steps involved in								[10]	CO5	L4
	estimating the best sta	te vector.									
7	Describe any one math	nematical opt	imization t	technique.					[10]	CO6	L1
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******All the Best****

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Improvement Test

Sub:	b: POWER SYSTEM PLANNING Code									10EE761			
Date:	17/ 11/ 2017	Duration:	90 mins	Max Marks:	50	Sem:	7th	Brai	nch: EEE				
	Answer Any FIVE FULL Questions												
								Marks	OE				
										CO	RBT		
Define power system reliability? Explain how optimal reliability level is determined in power system reliability planning.								[10]	CO3	L1			
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			
What do you understand by load prediction? Explain regression analysis method of load prediction.								[10]	CO5	L4			
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****