Code No: 137FX

R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. Tech IV Year I Semester Examinations, October/November - 2020 POWER SYSTEM OPERATION AND CONTROL

(Electrical and Electronics Engineering)

Time: 2 Hours

Max. Marks: 75

Answer any Five Questions All Questions Carry Equal Marks

A. (-1.)	ΔC_{\perp}	$\Delta 7 \stackrel{\sim}{\rightarrow}$	of the LFC of a sir	$\Delta (1)$	Explain in detail	I. [15] [15]	A
3.	Derive an equation to relate voltage, power and reactive power at a node. [15]						
4.a) b) 5.							A
AG.							A
7. Discuss about the dynamic programming method to solve unit commitment problem in power system. [15]							
			ne hardware confi	guration of SCA	DA Sýstem.		A
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