

MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act, 1956

II B.Tech I Sem Supplementary Examination, February-2022 Network Analysis and Transmission Lines

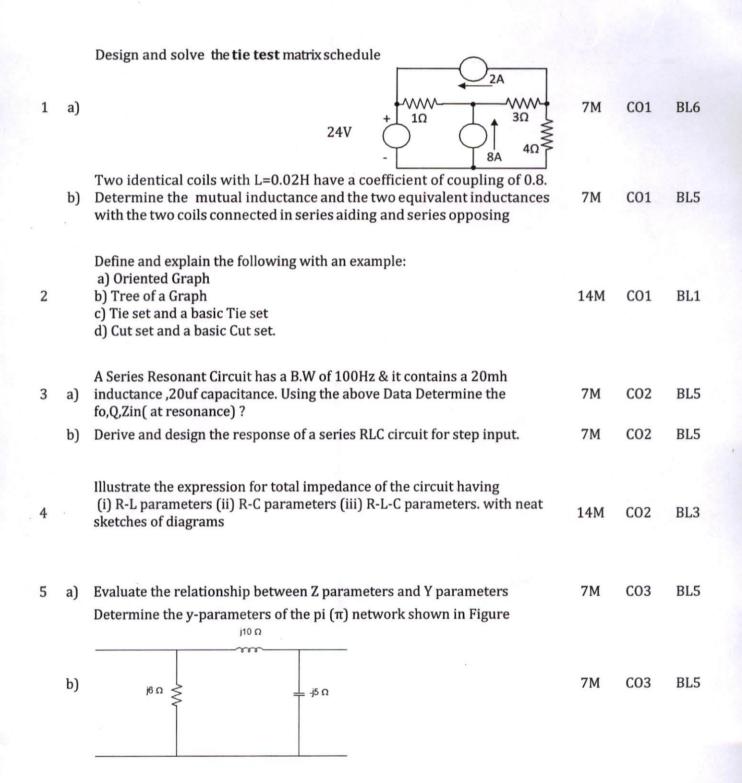
(ECE)

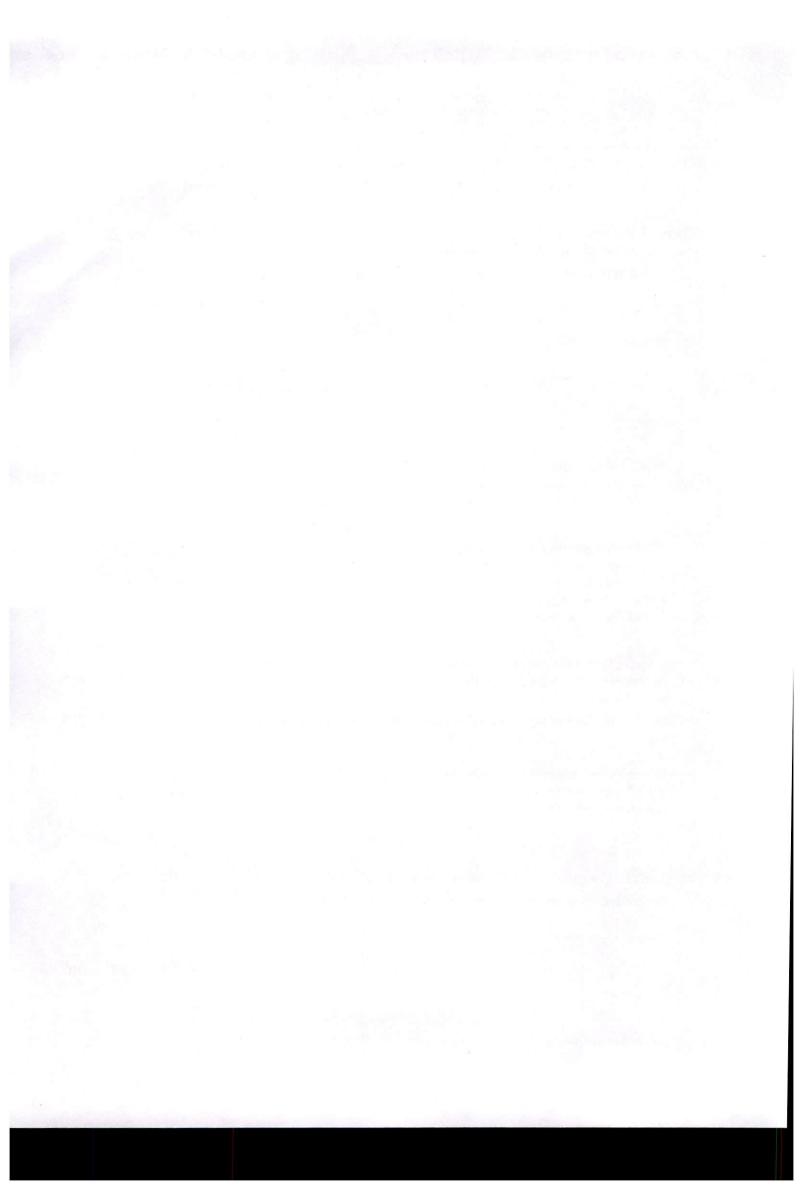
Time: 3 Hours.

Max. Marks: 70

Note: 1. Answer any FIVE questions.

2. Each question carries 14 marks and may have a, b as sub questions.





6	ī,	Explain clearly the terms: a) Characteristic Impedance and b) Image Transfer Constant	14M	CO3	BL2
7	a)	Explain about waveform distortion and distortion less line condition?	7M	CO4	BL2
	b)	Evaluate the equation of attenuation constant and phase constant of TL in terms of R,L, C, G?	7M	CO4	BL5
8		Explain the single stub matching, mention its types. Determine the expressions for length and location of stub to achieve impedance matching	14M	CO5	BL5