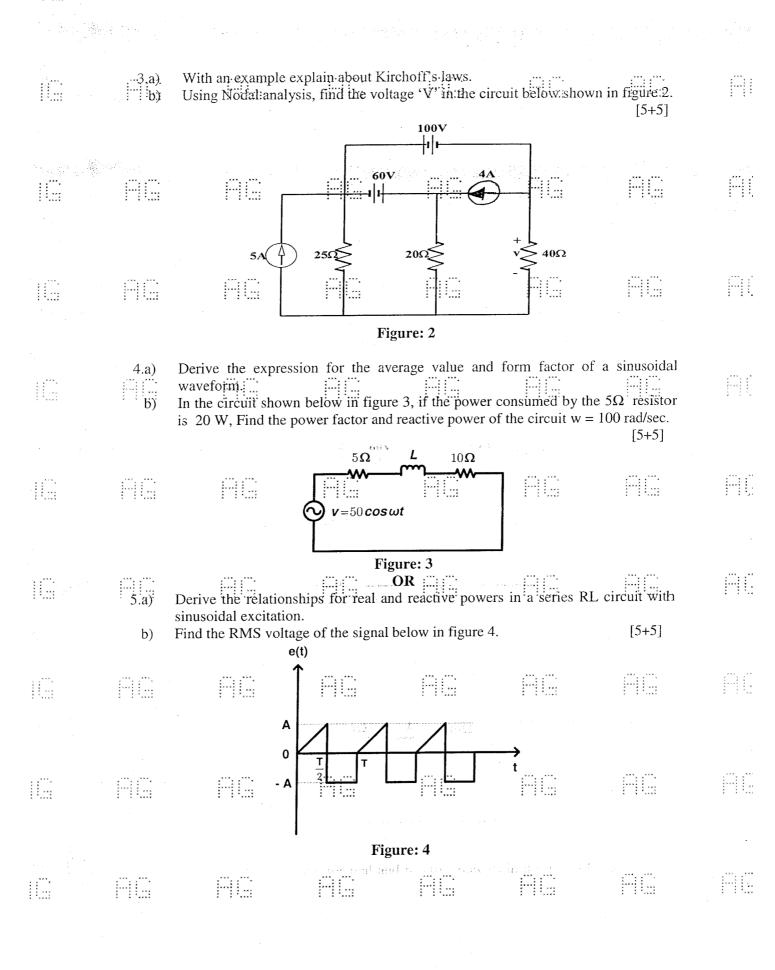


IC.		No: 123BW WAHARLAL NE B.Tech II Year	I Semester Exam ELECTRI	ninations, Nove CAL CIRCUIT	mber/Decembe S	
	Time:	3 Hours	(Common to	EEE, ECE, ETM		lax. Marks: 75
	A	This question pap Part A is compuls Part B consists Each question car	ory which carrie of 5 Units. Ar	s 25 marks. Answarswer any one	wer all questions	in Part A.
	FIG	in the	P	,	in it	(25 Marks)
:	1.a) b) c) d)	Define capacitance What are the proper Define RMS value What is the signif	erties of super m e.	nesh?	ance?	[2] [3] [2] [3]
	(1) (e) (f) (g)	What is resonance What are the circulation of the c	? !!!!!!!!		, AG	[2] [3] [2]
	h) i) j)	Draw a connected Define Norton's c What are the limit	urrent. ations of superpo			[3] [2] .[3]
		i''i 4.01	P.	ART-B	1 1 1.00	(50 Marks)
	, b)	Give the detailed of Using Mesh analyshown in figure 1.	ysis, find the vo	oltage across 5Ω		circuit below [5+5]
l ä	AC,	. a t m (m. t m. t m. t m. t m. t m. t	$\begin{array}{c c} & & & & & & & & & & & & & & & & & & & $	4Ω miny 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (20 V	ÄG
	AC		Fi	gure: 1 OR	PC	AC
		معادین مسلمان از در این				
		FIL	FIG	FILE	PE	







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