

## BALOCHISTAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY KHUZDAR

DEPAF	RTMENT:	EED	TEST-01		Date: 07-09-2921	
SUBJECT:		Electrical Netwo	ork Analysis		CODE: EE-211	
		B.E(3 <sup>rd</sup> Semester)			Max: Marks: 05	
SEMESTER:		B.E(3° Semester)			IVIAX. IVIAI KS. US	
Time All	owed:	20 Minutes	Roll No:		Name of Student	_
(1)	The nower factor	r at reconance in	R-L-C parallel circuit is			
	Zero (b)	0.08 lagging	(c) 0.8 leading	(d)	Unity	
	Power factor of a		· · · =	(4)	Office	
(a) R/Z (b) Cosine of phase angle between I and V (c) Ratio of useful current to total current (d) A						
(3)	(3) Capacitive reactance is more when					
	Capacitance is less and frequency of supply is less					
	Capacitance is less and frequency of supply is more					
	Capacitance is more and frequency of supply is less					
	Capacitance is more and frequency of supply is more					
	Capacitive Susceptance is a measure of					
(a)	Reactive power i					
(b)	The extent of ne	utralization of re	active power in a circuit			
(c)	A purely capaciti	ve circuits ability	to pass current			
(d)	d) A purely capacitive circuits ability to resist the flow of current					
(5)	) Ohm is unit of all the following except					
(a)	) Inductive reactance					
(b)	Capacitive reacta	ance				
(c)	Resistance					
(d)	Capacitance					
(6)		_	nitude of each line current is	S		
(a)	One-third the phase current					
	Three times the					
(c)	Equal to the corr	esponding phase	current			
	Zero					
	In a balanced thr		ach phase has			
	An equal amount	=				
	One-third of total Two-thirds of total					
	A power consum	· ·	2 V. I.			
	•		ages are separated by			
(a)	45° (b)	90° (c)	120° (d) 180°			
(9)	` '	` '	` '	a step-ur	ip and step-down transformer are	
(a)			and not posterior dy	a otop ar	, para ocep do mi diano como di di	
` '	Delta-star, Star-c					
	Star-delta, Delta-					
	Star-delta, Delta-					
(10)	Phase sequence	means				
(11)	Draw the Impeda	ance Triangle				
(12)	Draw the Admitt	ance Triangle				
(13)	Draw the Power	Triangle				
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			-			
	·					
	•					
	•					
	•					
(20)	Laplace Inverse o	ot (s/s²+16)				