	classmate
	Assignment Ho5
(1)	Define the following:
	a) Peak Value on Amplitude
	b) Root Mean Square (RMS) Value
	c) Average value
	d) form factor (e) Peak factor
	f) Instantaneous Value (8) Phase angle
	f) Instantaneous Value (g) Phase angle h) Time period (i) Frequency
	j) Amp Phase difference
(2.)	what do near undinetimal by "I have had "I have
(-)	lead'? Explain with the help of an example.
	pean with vive keep of are example.
(3)	For a sinusoidal voltage wave v(t) = Vo sin et,
	desive the expression for the following:
	a) RMS voltage (b) Average voltage
	a) RMS Voltage (b) Average Voltage c) Form factor (d) Peak factor
4)	Write short notes on following:
	a) Power factor b) Q-factor of a coil
	c) Active Power d) Reactive Power
	e) Apparent Power f) Power Triangle
	g) Impedance Triangle
ΕÌ	Earl Dain I hair I ha agh careir of Caraca A in
3)	Explain and derive the expression of current in
	1-0 Ac circuits for the following cases:
	a) Resistive circuit b) Purely Inductive circuit
	e) Purely capacitive circuit
	f) R-L Circuit
	a e-c circuit
	R-L-C series circuit