## KING FAHD UNIVERSITY OF PETROLEUM & MINERALS

## ELECTRICAL ENGINEERING DEPARTMENT

## Dr. Ibrahim O. Habiballah EE-306

## **Key solutions**

Quize # 3	Serial #	Name:	I.D.#
Choose either True or False: (2 points each)			
	lux circulating in one of its legs. □		capable of inducing voltage across a coil wound
most o This is	f the flux tends to		netic core is surrounded by oil. When excited, etic core and only little flux leaks out to the oil. igher than that of oil.
circuit		ed to determine the equiva ermine its core resistance a	lent impedance of the transformer, while short- nd magnetizing reactance.
	unsformers, energ ue □ <b>False</b>	y can be transferred from pa	rimary-side to secondary-side by conduction.
percen		n of an ideal transformer	connected to an inductive load has negative