## King Jahd University of Petroleum & Minerals

جامعة الملك فحد للبنروك و المعادن EE 208: Electrical Systems

Electrical Engineering Department

Instructor: Umar M. Johar

Date: December 02, 2007		Term: 071	Quiz # 5
SR #	ID #	Name:	Sec # 1

Knowing that  $V_c(t) = 24 \sin(2t) [V]$  in the circuit below, find the energy stored in the 4F capacitor.

