

King Fahd University of Petroleum & Minerals
Department of Electrical Engineering

Quiz #2

EE460 Power Electronics

October 2007

Name: _____ ID: _____ Grade: _____

The three phase bridge rectifier supplies a resistive load current $I_R=30\text{A}$ (rms) and $R=10\Omega$.

- (a) Calculate the rms value of phase voltage.
- (b) Draw the waveforms for currents in D_3 , i_{ab} , and the voltage across D_5 .

