



ISRA UNIVERSITY

Islamabad Campus

**B.TECH (Electrical)
Semester – Spring 2018**

ETCA-252 Circuit Analysis-2

**Quiz – 1
Marks: 10**

Handout Date: 09/04/2018

Question # 1:

Make a sketch of two sine waves as follows: sine wave A is the reference wave having amplitude 15 V and sine wave B leads A by 30° with the amplitude of 10 V.

Question # 2:

Given the sinusoid $30 \sin(4\pi t - 75^\circ)$, calculate its amplitude, phase, angular frequency, period and frequency.

Good Luck