



ISRA UNIVERSITY

Islamabad Campus

Department of Electrical Engineering

Program: B.E. (Electrical)

Semester - Fall 2016

EL313- Signal & Systems

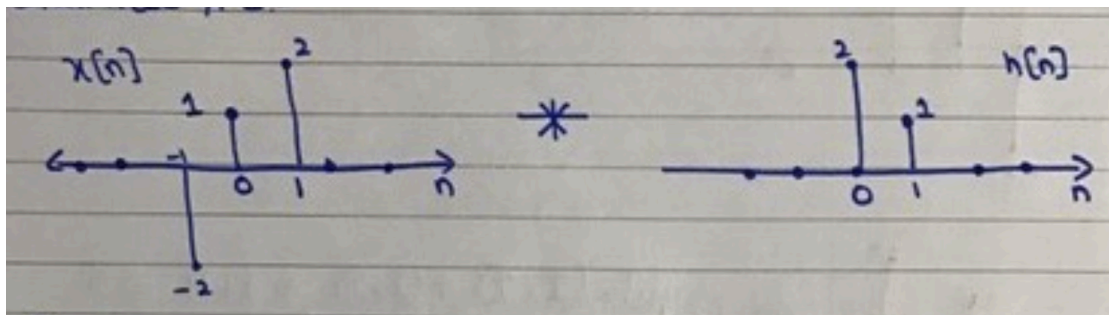
Quiz – 3

Marks: 15

Handout Date: 23/11/2016

Question # 1:

Compute and plot $y[n] = x[n] * h[n]$, where:



Question # 2:

Find the Fourier series coefficients for each of the following signals:

a) $x(t) = \sin\left(10\pi t + \frac{\pi}{6}\right)$

b) $x(t) = 1 + \cos(2\pi t)$

Good Luck