



ISRA UNIVERSITY

Islamabad Campus

Department of Electrical Engineering

Program: B.E. (Electrical)

Semester - Fall 2016

EL313- Signal & Systems

Quiz – 1

Marks: 10

Handout Date: 26/10/2016

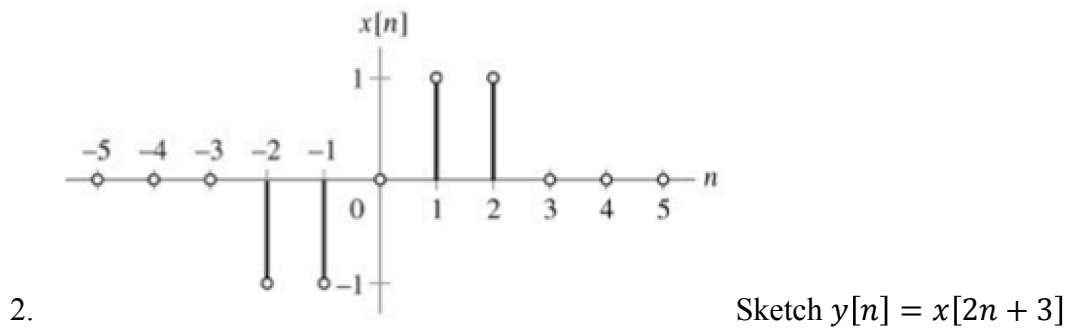
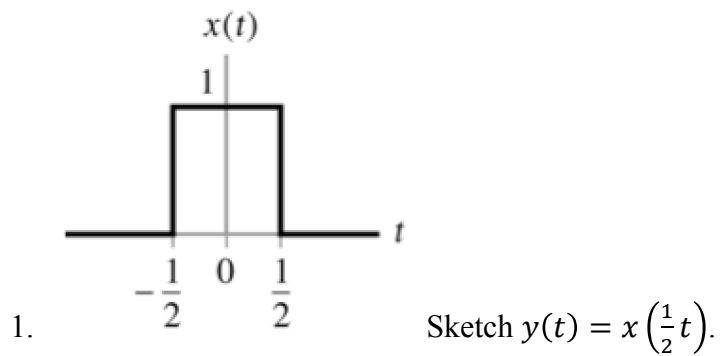
Question # 1:

Determine whether the following signals are energy signal or power signal:

1. $x(t) = e^{-5t}u(t)$
2. $x[n] = \left[\frac{1}{4}\right]^n u[n]$
3. $x(t) = \cos(t) + j \sin(t)$

Question # 2:

Sketch the following signals:



Good Luck