



ISRA UNIVERSITY

Islamabad Campus

Department of Electrical Engineering

Program: B.E. (Electrical)

Semester - Fall 2018

EL 313- Signal & Systems

Assignment – 3

Marks: 10

Due Date: 29/10/2018

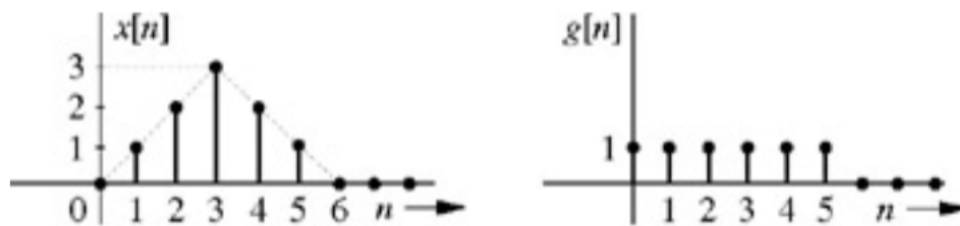
Handout Date: 23/10/2018

Question # 1:

Determine the system response $y(t)$ to the input $x(t) = 2u(t)$ when $h(t) = 6e^{-t}u(t)$.

Question # 2:

Convolve the following signals $x[n]$ and $g[n]$ using the graphical method.



Good Luck