



# ISRA UNIVERSITY

Islamabad Campus

Department of Electrical Engineering

Program: B.E. (Electrical)

Semester - Fall 2018

EE 313- Signal & Systems

**Assignment – 1**

**Marks: 10**

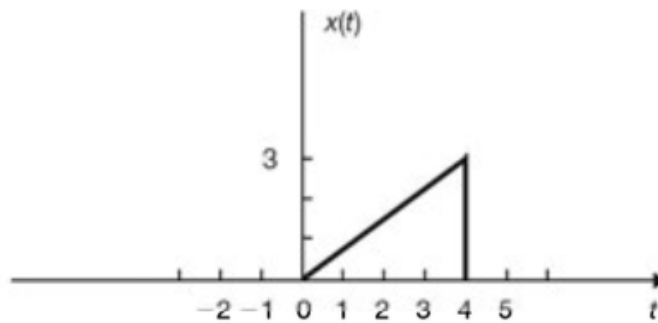
**Due Date: 01/10/2018**

**Handout Date: 24/09/2018**

Question # 1:

A continuous time signal  $x(t)$  is shown below. Sketch and label each of the following signals:

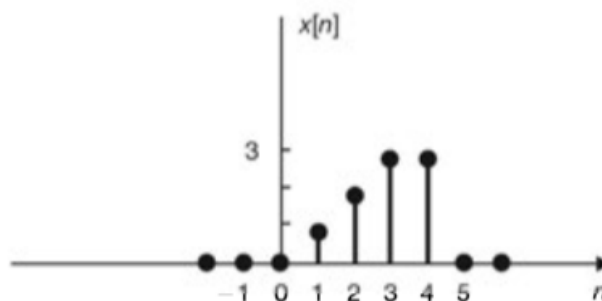
1.  $x(2t)$
2.  $x(3t - 2)$



Question # 2:

A discrete time signal  $x[n]$  is shown below. Sketch and label each of the following signals:

1.  $x[n - 2]$
2.  $x[-n + 2]$



**Good Luck**