



ISRA UNIVERSITY

Islamabad Campus

**Program: B.TECH (Electrical)
Semester – Spring 2016**

Signal & Systems

Quiz – 1

Marks: 10

Handout Date: 20/03/2018

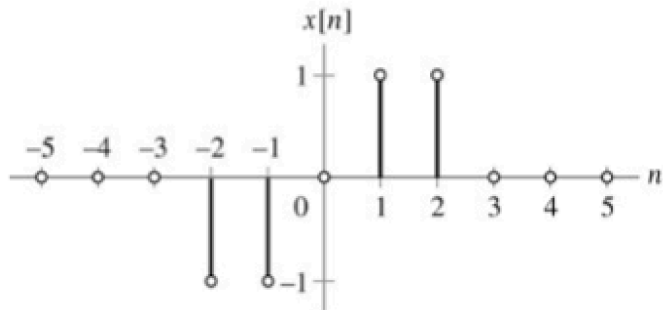
Question # 1:

Determine whether or not the following signal is periodic. If a signal is periodic, specify its fundamental period:

$$x(t) = 2 \cos(10t + 1) - \sin(4t - 1)$$

Question # 2:

Sketch the following signals:



1. Sketch $y[n] = x[2n + 3]$

Good Luck