ISRA UNIVERSITY

Islamabad Campus

Department of Electrical Engineering
Program: B.E. (Electrical)
Semester - Fall 2018

EE313- Signal & Systems

Quiz – 2
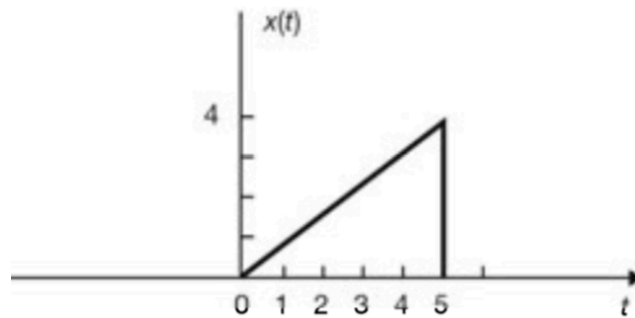**Marks: 20**   **Handout Date: 05/11/2018**

Question # 1:

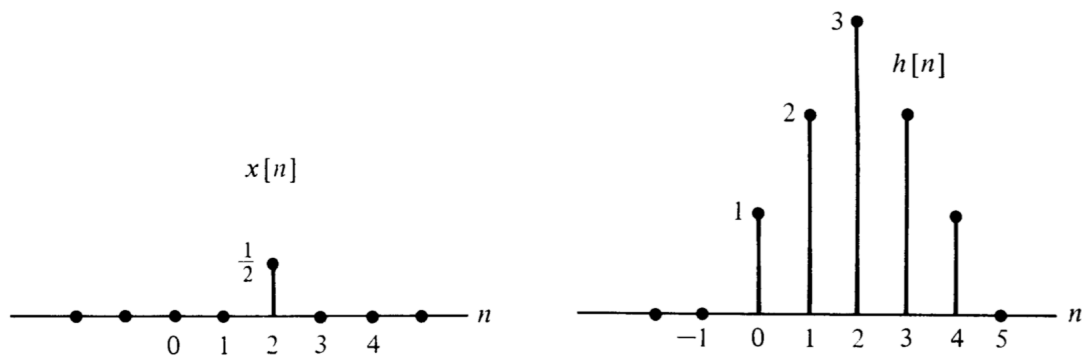Sketch the even and odd components of the signal shown below:

Question # 2:

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

$$x(t) = \cos t + \sin \sqrt{2}t$$

Question # 3:

Convolve signal x [n] and h [n] shown below: