

**Signals & Systems - Quiz 1 (Spring 2020) CLO-1 (19/06/2020)**

Start Time: **11:00am,**

Time for solving: **15 minutes**

End Time for submission: **11:25am**

Q.1 For the signal given bellow;

[a]. Find and sketch  $x_1[n] = 2x[2n - 3]$

[b]. Assuming that  $x[n]$  is a speech signal, what will be the effect of above transformations on the signal.

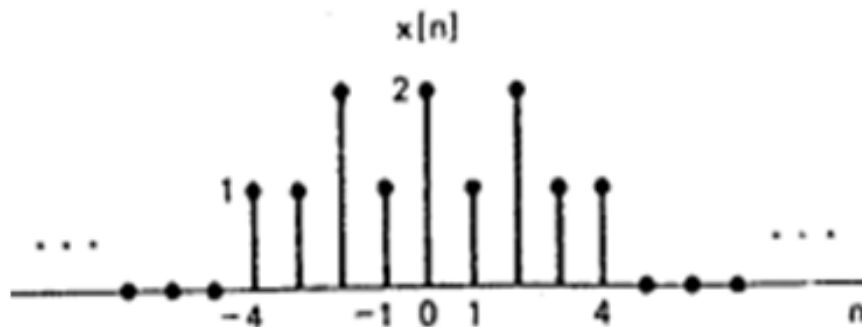


Figure 1