Signals & Systems Lab, EEE F246
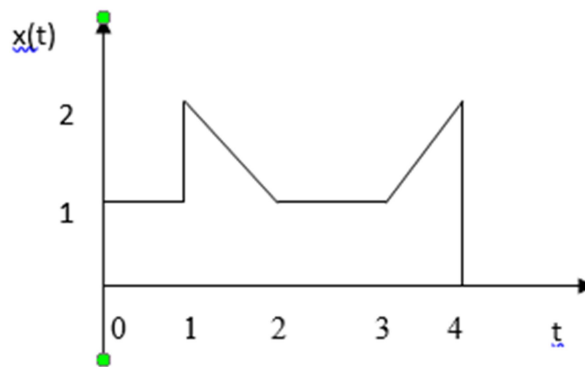## Lab Test

Date &Time : 29/ 04/ 2021 , **2.00 – 2.40 pm**   Max. Marks : 20

NOTE:

(1) Write Name & ID No. in the answer sheet
(2) Paste the observations, matlab code and results in word file (your answer sheet)
(3) Save and Upload the file as Name & ID No.

1. Consider the signal,

a. Write a matlab code for the given signal x(t) using relational operators. Choose the time axis between -4 seconds to + 4 seconds at a resolution of 1 msec. Generate x(t) and plot, using color blue and showing the time axis and labels.   **(5 M)**

   I.   Write matlab program to perform the following operations on the signal x(t)

   II.   x(t-1)

   III.   x(2t + 1)

   IV.   x(-t + 4)

   Plot all the graphs in the same window using subplot and label the plot using text command. Give the matlab code   **(15 M)**

Please upload your answersheet in the following link

https://forms.gle/szjAg1ygST92BA279