Started on	State	Completed on	Time taken	Marks	Grade
Thursday, 24 April 2025, 10:55 AM	Finished	Thursday, 24 April 2025, 11:02 AM	6 mins 52 secs	5.00/5.00	10.00 out of 10.00 (100%)

Question 1

Flag question

Complete | Mark 1.00 out of 1.00

ECTE203_Q1 (copy)

If you were to sample the signal below, which sampling would you choose to avoid aliasing?

x(t) = 3*cos(100*pi*t)

a. 80 Hz

b. 120Hz

c. 95 Hz

d. 40 Hz

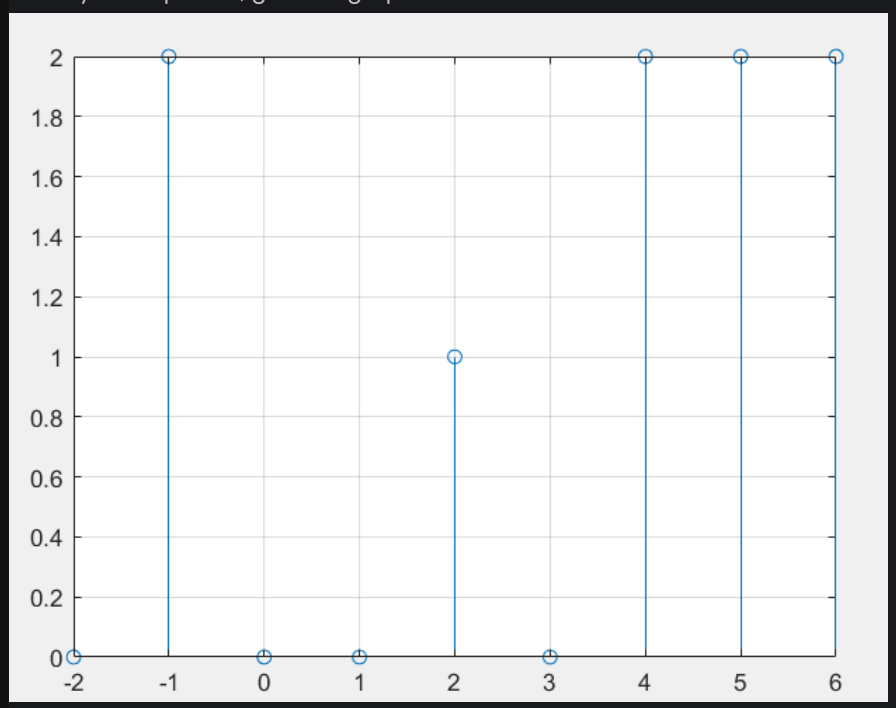
Question 2

Flag question

Complete | Mark 1.00 out of 1.00

ECTE203_Q1

Identify the equation, give the graph below.



a. $x(n) = 2u(n-4) + \delta(n+1) + 2\delta(n-2)$

b. $x(n) = 2u(n-4) + 2\delta(n+1) + \delta(n-1)$

c. $x(n) = 2u(n-4) + 2\delta(n+1) + \delta(n-2)$

d. $x(n) = 2u(n-4) + 2\delta(n-1) + 2\delta(n-1)$

Question 3

Flag question

Complete | Mark 1.00 out of 1.00

ECTE203_Q1 New

MATLAB command "clc" is used to clear the command window.

- (•) True
- ( ) False

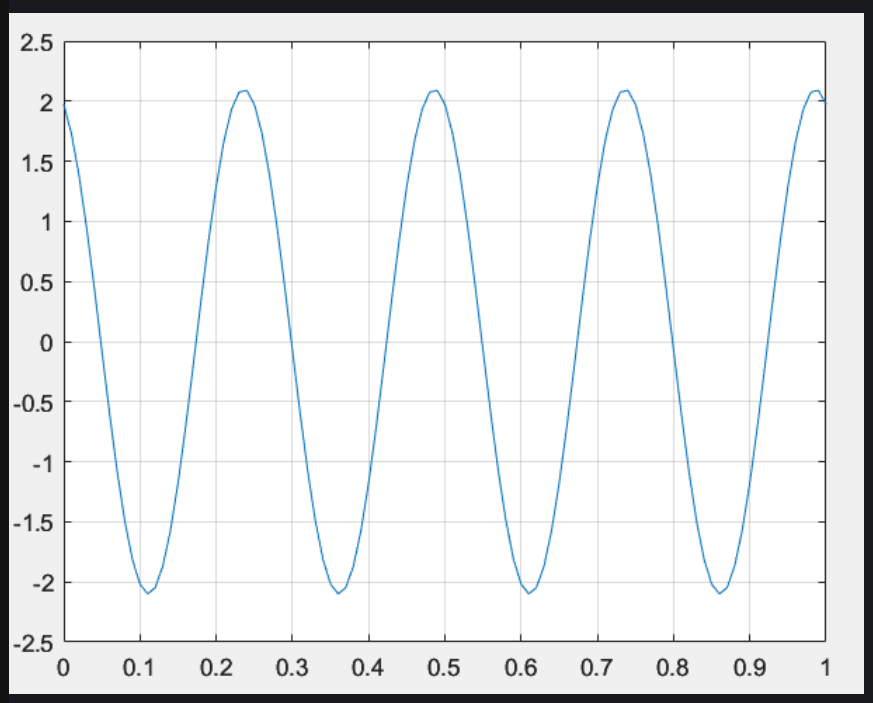
Question 4

Flag question

Complete | Mark 1.00 out of 1.00

ECTE203_Q1

The signal below, has a period of 0.4.



Select one:

- ( ) True
- (•) False

Question 5

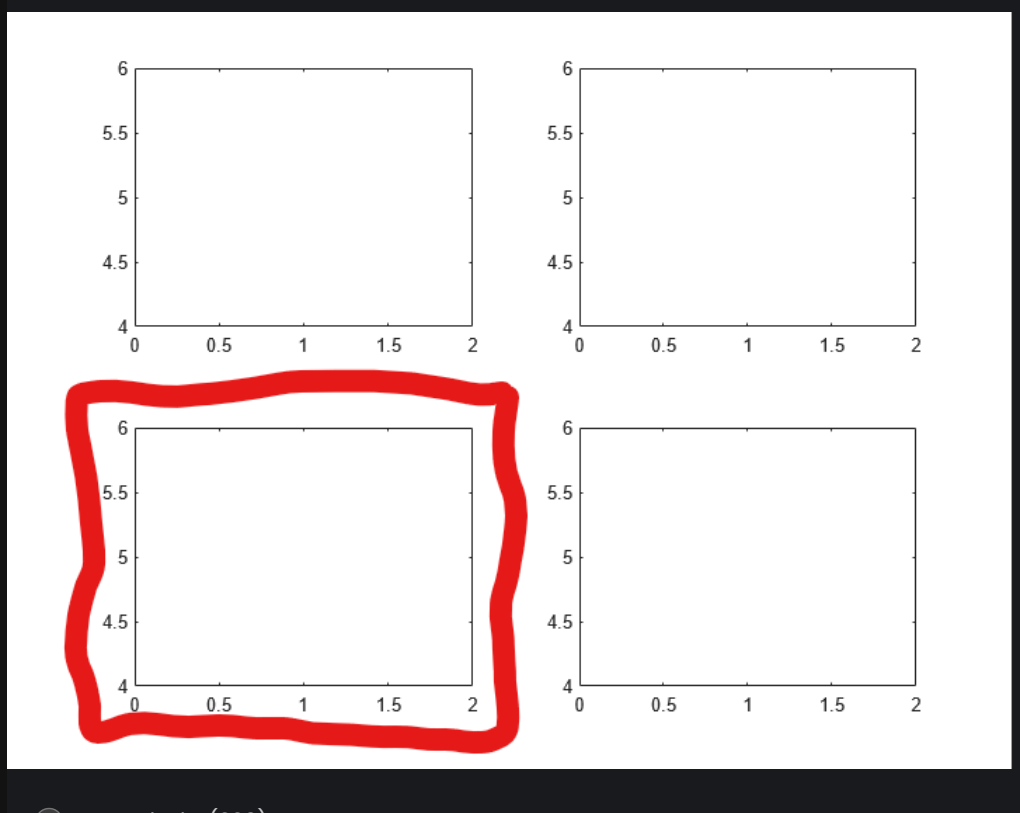
Flag question

Complete

Mark 1.00 out of 1.00

ECTE203_Q1

Which option would allow you to plot in the highlighted area:



a. subplot(223)

b. subplot(122)

c. subplot(222)

d. subplot(312)

Finish review