

Philadelphia University

Faculty of Engineering



Student Name:
Student Number:
Serial Number:

First Quiz, First Semester: 2019/2020

Dept. of Communication & Electronics Engineering

Course Title:	Signals and Systems	Date:	10/11/2019
Course No:	650320 +640543	Time Allowed:	10 minutes
Lecturer:	Dr. Qadri Hamarsheh	No. Of Pages:	1

Instructions:

- **ALLOWED:** pens and drawing tools (**no red color**).
- **NOT ALLOWED:** Papers, literatures and any handouts. Otherwise, it will lead to the non-approval of your examination.
- **Shut down** Telephones, and other communication devices.

Please note:

- This quiz paper contains 1 question totaling 5 marks.

Question 1

(5 marks)

Plot these combinations of signals

a)

(1.5 marks)

$$g[n] = u[n] + u[-n]$$

b)

(1 mark)

$$g[n] = u[n] - u[-n]$$

c)

(1 mark)

$$g[n] = 5\delta[n-2] + 3\delta[n+1]$$

d)

(1.5 marks)

$$g(t) = 2u(4-t)$$

GOOD LUCK