Philadelphia University

Faculty of Engineering

Student Name:

Student Number:

Dept. of Computer Engineering
First Quiz, Second Semester: 2019/2020

Course Title:	Logic Circuits	Date:	07/03/2020
Course No:	630211	Time Allowed:	10 minutes
Lecturer:	Dr. Qadri Hamarsheh	No. Of Pages:	1

Information for candidates
1. *This Quiz paper contains 1question totaling 5 marks*
2. *The marks for parts of question are shown in round brackets.*

Advices to candidates
1. *You should attempt all sub questions.*
2. *You should write your answers clearly.*

Question 1   **Multiple Choice**   *(5 marks)*

Identify the choice that best completes the statement or answers the question

1) Convert the binary number **1011010** to hexadecimal.
   - *a)* **5B**
   - *b)* **5A**
   - *c)* **5F**
   - *d)* **5C**

2) What is the decimal value of the hexadecimal number **777**?
   - *a)* **191**
   - *b)* **1911**
   - *c)* **19**
   - *d)* **19111**

3) The octal equivalent of the number **(700)$_{16}$** is
   - a) **3400**
   - c) **7000**
   - b) **700**
   - d) **1000**

4) **$15_{10} = 1111_2 = F_{16} = 00010101_{BCD}$**
   - a) **True**
   - b) **False**

5) The **ASCII code** basically is
   - *a)* **12 bit code**
   - *b)* **4 bit code**
   - *c)* **6 bit code**
   - *d)* **7 bit code**

GOOD LUCK