Philadelphia University
Faculty of Engineering

Marking Scheme

Quiz Paper

BSc CE

Logic Circuits (630211)

First Quiz   First semester   Date: 07/11/2019

Section 1

Weighting 5% of the module total

Lecturer: Dr. Qadri Hamarsheh

Coordinator: Dr. Qadri Hamarsheh

Internal Examiner: Eng. Anis Nazer

Marking Scheme

Logic Circuits (630211)

Marking Assignments

Question 1 This question is attributed with 5 marks if answered properly; the answers are as following:

1) Conversion of hexadecimal number **(69)$_{16}$** to **octal** equivalent will give

   a)   451   c)   251
   b)   **151**   d)   351

2) What is the decimal representation of binary number 1110?

   a)   16   **c)   14**
   b)   8   d)   None of the above

3) Convert number 11001111 to hexadecimal. The answer is:

   a)   CF   c)   FC
   b)   BF   d)   None of the above

4) The **BCD** code of the decimal number **937.25** is -------.

   a)   100011111.010101   **b)   100100110111.00100101**
   c)   1110101001.11001   d)   None of the above

5) **15$_{10}$ = 1111$_2$ = F$_{16}$ = 00010101$_{BCD}$**

   a)   True   b)   False