Marking Scheme

Quiz Paper

BSc CE

Logic Circuits (630211)

First Quiz   Second semester   Date: 07/03/2020

Section 1

Weighting 5% of the module total

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Marking Assignments

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

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**