Marking Scheme

Quiz Paper
BSc CE

Logic Circuits (630211)

First Quiz Second semester Date: 10/03/2019

Section 1
Weighting 5% of the module total

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

1) The decimal equivalent of Binary number \(11010\) is:
   - a) 26
   - c) 16
   - d) 23

2) What does \(10_{(16)}\) represent in decimal number system?
   - a) 10
   - c) OA
   - d) 15

3) Convert the binary number \(1001.0010\) to decimal
   - a) 90.125
   - c) 9.125

4) Say that you are using unsigned binary to represent integers with 6 bits. What range of integers can be represented?
   - a) 0 to 64
   - c) 1 to 128
   - d) 0 to 63

5) The octal number represented by the binary number \(11011011.1012\) is
   - a) 673.5
   - c) 1BB
   - d) none of the above