

10000 Introduction to Computer Science, Fall 2003 CCNY CUNY

Quiz 2, September 24

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PUT YOUR NAME HERE:

1. What is the role of *bus* in the traditional computer architecture? Choose the most complete option:
 - (a) It connects arithmetic/logic unit with control unit and registers
 - (b) It connects arithmetic/logic unit with control unit
 - (c) It connects CPU and main memory
 - (d) It connects CPU, main memory and controllers of other devices (printer, HDD, etc).

2. Find results of bitwise AND, OR and XOR:

01001101	01001101	01001101
<u>AND 11100111</u>	<u>OR 11100111</u>	<u>XOR 11100111</u>

3. What will be the content of cells with addresses B0 and B1 after machine was started with program counter set to B2 and the following contents of the main memory:

Address	Contents
B0	05
B1	03
B2	10
B3	B0
B4	21
B5	01
B6	52
B7	01
B8	32
B9	B1
BA	C0
BB	00