

Solution- Quiz#3

BESE 15

23 Feb 2011

1. Perform 378+697 in BCD.

378 = 0011 0111 1000

697 = 0110 1001 0111

				1				1							
	0	0	1	1		0	1	1	1		1	0	0	0	378
	0	1	1	0		1	0	0	1		0	1	1	1	697
	1	0	1	0	1	0	0	0	1		1	1	1	1	
	0	1	1	0		0	1	1	0		0	1	1	0	
1	0	0	0	0		0	1	1	1		0	1	0	1	1075

2. What does the code 1100 1001 0110 represent in

a. 84-2-1

This is not a valid decimal number in 84-2-1 as 1100 is an invalid 84-2-1 code. The other two digits are 7 and 2 respectively.

b. Excess 3

9 6 3