

Digital Design

COE 211

Sheet - 04

1. Convert each of the following decimal numbers to BCD

35	- 98	170
2469	30	-450

2. Convert each of the following BCD codes to decimal

10000110	001101010001	1001010001110000
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3. The BCD number for decimal 473 is _____

4. Add the following BCD numbers:

0011 + 0100	00010110 + 00010101	01100111 + 01010011
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5. The BCD number for decimal 473 is _____

6. The Excess-3 for decimal 250 is _____

For the string **0110 0110**:

7. The decimal equivalent is _____
8. The BCD decimal equivalent is _____
9. The Excess-3 decimal equivalent is _____
10. Write the decimal 71 in gray code? _____