Digital Design

COE 211

Sheet - 02

1. Add

$23_{16} + 16_{16}$	58H + 22H	$2B_{16} + 84_{16}$
$DF_{16} + AC_{16}$	A000H + FFFFH	1111H+FFFFH

2. Convert each of the following decimal number to hexadecimal number
   - $(17)_{10}$ →
   - $(64)_{10}$ →
   - $(55)_{10}$ →
   - $(22)_{10}$ →
   - $(55)_{10}$ →
3. Convert each of the following binary numbers to hexadecimal
   - 1010111010101_2 →
   - 0101010000101_2 →
   - 1010001101111_2 →
   - 10001100111011_2 →
4. The binary number for F7A9 H is →
5. Convert each of the following hexadecimal numbers to decimal numbers
   - $(17)_{16}$ →
   - 1FH →
   - 2BH →
   - 10H →
   - 100H →
6. Generate the hexadecimal sequence for each decimal numbers

0 through 16	19 through 40	101 through 120