

BE 1000 Quiz 3

1) $\begin{array}{r} 0110 \\ 1100 \\ \hline 0100 \end{array}$ and $\begin{array}{r} 0110 \\ 1100 \\ \hline 1110 \end{array}$ or

2) $\begin{array}{r} 0110 \\ 1000 \\ \hline 1110 \end{array}$ xor $\begin{array}{r} 00011000 \\ 00011000 \\ \hline 00000000 \end{array}$ A

3) $\begin{array}{r} 001110 \\ 1000 \\ \hline 1110 \end{array}$ xor $\begin{array}{r} 00011000 \\ 00011000 \\ \hline 00000000 \end{array}$ A

4) $\begin{array}{r} 00111000 \\ 1000 \\ \hline 1110 \end{array}$ xor $\begin{array}{r} 00011000 \\ 00011000 \\ \hline 00000000 \end{array}$ A

5) $\begin{array}{r} 00111000 \\ 1000 \\ \hline 1110 \end{array}$ xor $\begin{array}{r} 00011000 \\ 00011000 \\ \hline 00000000 \end{array}$ B

Question 2: $x = 00001111$ $y = 11100000$

$x \ll 2 = 00111100$

$\sim x = 11000011$

$x \gg 3 = 00011000$

$y \ll 1 = 11100000$

$x | y = 00011000$

$\begin{array}{r} 00011000 \\ 11100000 \\ \hline 11111000 \end{array}$ or

11111000