

**01.1** Add together the following three binary numbers and give your answer in 8 bit binary

**[2 marks]**

$$\begin{array}{r} 10000101 \\ 00100010 \\ + 00100100 \\ \hline 11001011 \end{array}$$

One mark for 1100 on left [1]; one mark for 1011 on right [1]

**01.2** Add together the following three binary numbers and give your answer in 8 bit binary

**[2 marks]**

$$\begin{array}{r} 00011100 \\ 00010001 \\ + 01000001 \\ \hline 01101110 \end{array}$$

One mark for 0110 on left [1]; one mark for 1110 on right [1]

**01.3** Add together the following three binary numbers and give your answer in 8 bit binary

**[2 marks]**

$$\begin{array}{r} 00101010 \\ 10101010 \\ + 00000111 \\ \hline 11011011 \end{array}$$

One mark for 1101 on left [1]; one mark for 1011 on right [1]

**01.4** Add together the following three binary numbers and give your answer in 8 bit binary

**[2 marks]**

$$\begin{array}{r} 00001001 \\ 10101010 \\ + 00010111 \\ \hline 11001010 \end{array}$$

One mark for 1100 on left [1]; one mark for 1010 on right [1]