01 Convert the binary number 10110111 into decimal.	[1 mark]
02 How many bits are there in 3 megabytes? Show your working.	[3 marks]
03.1 Apply a binary shift three places to the left to the bit pattern 00010110	[1 mark]
03.2 State the arithmetic effect of applying a left binary shift of four to a binary number	[1 mark]
03.3 State the arithmetic effect of applying a left binary shift of two followed by the right bin of three to a binary number	inary shift [1 mark]
04.1 Convert the hexadecimal number 2D into binary. You should show your working	[2 marks]
04.2 Convert the binary number 11100010 into hexadecimal. You should show your work	ing [2 marks]