## **Number Systems**

## 1.1 Number Systems

1. 2. 3.	What is another name for the base-2 num To make reading and writing large numbe Convert the following numbers from binary	notation.							
3.	a. 110	b. 1001							
	c. 10011	d. 11010							
4.	I. List the numerals that make up the hexadecimal (hex) number system.								
5.	Convert the following numbers from hex tale.	o decimal. b. 16							
	c. 5C	d. A1							
1.2 N	umber Conversion								
6.	Convert the following numbers from binary to decimal.								
	a. 110101	b. 10001001							
7.	Convert the following binary numbers to h	nex. b. 101100111100							

8.	a.		following	decimal nu	umbers to b	binary usin	g ladder tec 7	hnique.	
9.	Conve a.		following	decimal nu	ımbers to l	binary usin <sub>i</sub> b. 25	g positional 7	notation te	chnique.
10.		rt the F6	following	hexadecim	nal number	s to binary b. 3E			