Guided Work Series No. 01

Exercise 01 :

Convert (Transform) the following numbers : $(1190)_{10}$, $(1800)_{10}$, $(85,35)_{10}$

1) To the binary number system.

2) To the octal number system.

3) To the hexadecimal number system.

Exercise 02 :

Perform the following operations in the binary number system:

11.110	1101.11	10001.1
$\times$11.001	+1110.11	-00110.1
=	=	=

1111	10

10011101	111

Exercise 03 :

Convert (Transform) the following numbers to the decimal number system:

$(11011.101)_2$, $(10011.0101)_2$, $(672)_8$, $(1AF.C3)_{16}$.

Exercise 04 :

Transform the following numbers from binary number system to octal system, hexadecimal system then to decimal system :

$(111001)_2$, $(11001.11)_2$