Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

NUMBER SYSTEM

Chapter-1

A. Match the following:

1.	Binary number system	a. base 16
2.	Octal number system	b. base 2
3.	Decimal number system	c. base 8
4.	Hexadecimal number system	d. base 10

B. Circle the correct option.

1. The digital computer represents all kinds of data and information in (binary / octal) numbers.

2. The (binary / decimal) number system consists of ten digits from 0 to 9.

3. (Decimal / Octal) number system is used as a shorthand representation of long binary numbers.

4. The (hexadecimal / octal) number system consists of 16 digits from 0 to 15.

5. The positional value of each digit in octal number is (twice / thrice) the place value.

C. Write the full forms of the following:

1. MSD – ....

2. LSD – ....

D. Extract the binary number from the following example and write below:

2	64 – 0
2	32 – 0
2	16 – 0
2	8 – 0
2	4 – 0
2	2 – 0
	1 – 0

Binary number is: ....

Grade: ☆ ☆ ☆ ☆ ☆   Teacher's Signature: _____