

Worksheet

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Name:

Roll No: Class: Section:

Date:

NUMBER SYSTEM

Chapter-1

A. Explain the following:

1. Number system-
2. Radix-
3. Binary addition-

B. Tick (✓) the correct option.

1. In binary addition, $1 + 1 =$

a. 0	☐	b. 10	☐
c. 1	☐	d. 11	☐
3. Which of the following is a valid octal number?

a. 183	☐	b. 965	☐
c. 983	☐	d. 345	☐
4. In binary number system, 1 Nibble is equal to

a. 4 bits	☐	b. 8 bits	☐
c. 16 bits	☐	d. 1 bit	☐
5. The digital computer represents all kinds of data and information in numbers.

a. binary	☐	b. hexadecimal	☐
c. decimal	☐	d. None of these	☐

C. Convert the decimal number 44 into binary number.

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