

Worksheet

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Name:

Roll No: Class: Section:

Date:

NUMBER SYSTEM

Chapter-1

A. Tick (✓) the correct option.

- In binary addition, $1 + 1 =$
 a. 0 ☐ b. 10 ☐ c. 1 ☐ d. 11 ☐
- Which of the following is a valid octal number?
 a. 183 ☐ b. 965 ☐ c. 983 ☐ d. 345 ☐
- In binary number system, 1 Nibble is equal to
 a. 4 bits ☐ b. 8 bits ☐ c. 16 bits ☐ d. 1 bit ☐
- The digital computer represents all kinds of data and information in numbers.
 a. binary ☐ b. decimal ☐
 c. hexadecimal ☐ d. None of these ☐

B. Write 'T' for true and 'F' for false.

- A number system is simply a manner of counting.
- The base of decimal number system is 10.
- The word binary comes from 'Bi-' meaning two.
- The hexadecimal number system consists of 16 digits.

C. Answer the following questions:

- What is Number system?

- Define Radix.

- Convert the decimal number 44 into binary number.
