

Worksheet

2

Name:

Roll No: Class: Section:

Date:

NUMBER SYSTEM

Chapter-1

A. Define the following:

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

B. Tick (✓) the correct option.

1. Base 2 is another name for the
 a. Binary number system ☐ b. Decimal number system ☐
 c. Hexadecimal number system ☐ d. None of these ☐
2. 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. How many bits are there in 1 Nibble?
 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. decimal ☐
 c. hexadecimal ☐ d. None of these ☐

C. Convert the decimal number 44 into binary number.

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