

Worksheet

2

Name:

Roll No: Class: Section:

Date:

NUMBER SYSTEM

Chapter-2

A. Define the following:

- Number system-
- Radix-
- Binary addition-

B. Tick (✓) the correct option.

- Base 2 is another name for the

a. Binary number system	☐	b. Decimal number system	☐
c. Hexadecimal number system	☐	d. None of these	☐
- In binary addition, $1 + 1 =$

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

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

a. 4 bits	☐	b. 8 bits	☐	c. 16 bits	☐	d. 1 bit	☐
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- 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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