



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



Subject: Computer Science

Topic: Data Representation

Worksheet No.: 1

Resource Person: Sethu Parvathi C

Date: _____

Name of the Student : _____

Class &Div: XI A **Roll Number :** _____

1. Convert the following binary numbers to decimal

(A) 1010 (B) 111010 (C) 11011 (D) 10110101

2. Convert the following decimal numbers to binary

(A) 23 (B) 100 (C) 43 (D) 85

3. Convert the following hexadecimal numbers to binary

(A) 7AB4 (B) BE (C)

4. Convert the following binary to hexadecimal

(A) 10011011101 (B) 1010110110111

5. Convert the following hexadecimal to decimal

(A) A6 (B) 7CA3

6. Convert the following decimal to hexadecimal

(A) 206 (B) 3619

7. Convert the following hexadecimal to octal

(A) 38AC (B) ABCD

8. Convert the following octal to binary

(A) 123 (B) 3527

9. Convert the following binary to octal

(A) 111010 (B) 10011101

10. Add the following binary numbers

(A) 10110111 and 1100101

(B) 11101.110 and 11010.011