

CSE 101: Introduction to Computer Studies (Sec-9)
Department of Computer Science and Engineering
University of Liberal Arts Bangladesh

Course Title: Introduction to Computer Studies
Total Marks: 30

Course Code: CSE 101
Time: 60 minutes

Name: _____ **ID:** _____

1. Convert $(456)_8$ to hexadecimal. 8

2. Convert $(23.6875)_{10}$ to binary and then convert the binary to decimal. 12

3. Perform the following binary operations:

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a. $(1101110)_2 + (1010101)_2$

b. $(1100000)_2 - (1001111)_2$

c. $(1100)_2 \times (1001)_2$

d. $(110111)_2 \div (101)_2$