

CSE 101: Introduction to Computer Studies (Sec-8)
Department of Computer Science and Engineering
University of Liberal Arts Bangladesh

Course Title: Introduction to Computer Studies

Course Code: CSE 101

Total Marks: 30

Time: 50 minutes

Name: _____ **ID:** _____

1. Convert $(ABC)_{16}$ to octal. 8

2. Convert $(23.65625)_{10}$ to binary and then convert the binary to decimal. 12

3. Perform the following binary operations:

10

a. $(11101)_2 + (1010)_2$

b. $(10001)_2 - (111)_2$

c. $(11011)_2 \times (101)_2$

d. $(10111)_2 \div (10)_2$