

Department of Computer Science and Engineering
University of Liberal Arts Bangladesh
Mid Term Examination
Semester – Fall 2019
Course Title: Introduction to Computer Studies
Course Code : CSE 101 (Sec: 8)
Duration : 1:00 Hours

PLEASE ANSWER ALL QUESTIONS.

Total 20 Marks

QUESTION 1

7 marks

Perform the following binary operations:

- a) $(1100000)_2 - (1011111)_2$
- b) $(10111)_2 \div (101)_2$
- c) $(1100)_2 \times (1101)_2$

QUESTION 2

7 marks

Perform the following conversions:

- a) $(456)_8$ to Hexadecimal
- b) $(23.6875)_{10}$ to binary
- c) $(110011.110011)_2$ to decimal

QUESTION 3

4 marks

Identify and categorized various entities of the following Computer Based Systems (CBS) into software, hardware & user.

- a) Facebook
- b) Retail Software

QUESTION 4

2 marks

Write the impacts and applications of computers in education and healthcare.

****END OF QUESTIONS****