Department of Computer Science and Engineering
University of Liberal Arts Bangladesh
Mid Term Examination
Semester – Spring 2020
Course Title: Introduction to Computer Studies
Course Code : CSE 101 (Sec: 4)
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
Write Short notes on the following topics. Also provide at least one example for each of them:
  a) Egocentric and Exocentric environments
  b) Quick Response (QR) Code
  c) Ergonomics

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