Department of Computer Science and Engineering
University of Liberal Arts Bangladesh
Course Title: Introduction to Computer Studies
Course Code: CSE 101 (Sec: 4)

PLEASE COMPLETE ALL THE TASKS.

TASK 1
Briefly describe the applications of computers in communications and the Military.

TASK 2

Write a short note on "Abacus". What impacts did AltAir 8800 and Macintosh computers have when they were first introduced?

TASK 3

Perform the following conversions:
  a) $(DEAD)_{16} = (??????)_8$
  b) $(12.34)_{10} = (??)_2$

TASK 4

Perform the following calculations:
  a) $(1001)_2 + (1011)_2$
  b) $(11000)_2 - (10111)_2$

TASK 5

Define Ergonomics and describe how it affects the computer user. How would you suggest a user should be using computer so that Repetitive Strain Injury (RSI) can be avoided?

TASK 6

Define and give examples of the following:
  a) Egocentric Environment and Exocentric Environment
  b) Pull Technology and Push Technology
  c) Software as a service (SaaS)
  d) Virtual Reality