EASTERN UNIVERSITY, SRI LANKA

FACULTY OF AGRICULTURE

FIRST YEAR SECOND SEMESTER EXAMINATION - 2014/2015 (April / May, 2017)

IT 1201 INFORMATION AND COMMUNICATION TECHNOLOGY (THEORY)

LIBRARY
27 OCT 2017
UNIVERSITY, SRI LANKA

Answer all questions. Time: One hour

Q1.

A. What do you understand by **System?** Give four examples for system.

B. Briefly describe the components of a system?

C. List five qualities of the information with suitable example

D. How are data actually stored in a computer? Briefly describe.

E. List five application areas of the Information Communication Technology (ICT) with suitable example.

F. Write down the demerits of ICT.

Q2.

A. Compare and contrast the generations of Computer.

B. Briefly describe the five features of the Computer.

C. Define the term **Software**. The computer software is classified into two broad categories, explain each of them with suitable examples.

D. What is a network?

E. What are the advantages of connecting computers to a network?

F. Convert the following into Binary:

a) $(828)_{10}$ b) $(065.89)_{10}$ c) $(0.785)_{10}$

G. Convert the following into Octal.

a) $(652)_{10}$ b) $(568.356)_{10}$ c) $(D5C)_{16}$

H. Convert the following into Hex:

a) $(828)_{10}$ b) $(127)_{8}$ c) $(0.852)_{10}$