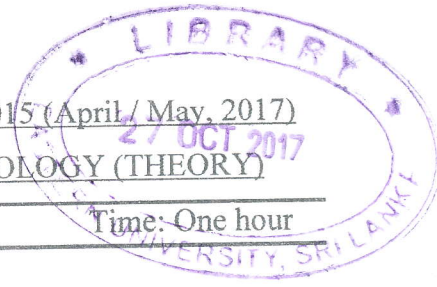


EASTERN UNIVERSITY, SRI LANKA

FACULTY OF AGRICULTURE

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

IT 1201 INFORMATION AND COMMUNICATION TECHNOLOGY (THEORY)



Answer all questions.

**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)  $(0.852)_{10}$