



**EASTERN UNIVERSITY, SRI LANKA**  
**FIRST EXAMINATION IN AGRICULTURE – 2016/2017**  
**SECOND SEMESTER (March-June, 2019)**  
**CC 1101 – INFORMATION AND COMMUNICATION TECHNOLOGY**  
**THEORY**  
**(PROPER)**

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**Answer all questions** **Time: 1 Hour**

Q1).

1. Name the main components of a *Central Processing Unit* (CPU) and briefly describe their functions. [21 marks]
  
2. Briefly describe the following types of computers:
  - i. Analog computer;
  - ii. Digital computer;
  - iii. Hybrid computer. [21 marks]
  
3. Define the term *Hardware*. [8 marks]
  
4. Briefly describe the following types of ROM:
  - i. PROM;
  - ii. EPROM;
  - iii. EEPROM. [21 marks]
  
5. Name two activities that are helpful in preventing loss of data in a computer. [14 marks]
  
6. Give examples of three popular *search engines*. [15 marks]

Q2).

1. Define the term *Software* and list the types of software. [18 marks]
2. Give examples of five popular *operating system*. [20 marks]
3. Define clearly the term *Utility programs*. [10 marks]
4. State the difference between the each of the following pair terms:
  - i. *Compiler* and *Interpreter*;
  - ii. *Soft copy* and *hard copy*. [20 marks]
5. Give three advantages of use of *email* against *postal mail*. [18 marks]
6. Give two reasons why data held on a network system is more likely to be misused than the data held on standalone computers. [14 marks]