



**EASTERN UNIVERSITY, SRI LANKA**  
**FIRST EXAMINATION IN AGRICULTURE – 2016/2017**  
**SECOND SEMESTER (March-June, 2019)**  
**IT 1201 – INFORMATION AND COMMUNICATION TECHNOLOGY**  
**THEORY**  
**(REPEAT)**

**Answer all questions**

**Time: 1 Hour**

Q1).

1. Define what is *Computer*. [12 marks]
2. Name the main components of a *Central Processing Unit* (CPU) and briefly describe their functions. [21 marks]
3. Expand the following terms:
  - i. UPS;
  - ii. ASCII;
  - iii. OCR;
  - iv. ICT; [16 marks]
4. Define the term *Software*. [10 marks]
5. Briefly describe the following types of ROM:
  - i. PROM;
  - ii. EPROM;
  - iii. EEPROM. [21 marks]
6. Compare and contrast (i.e., similarities and differences) *Data* and *Information* using suitable examples. [20 marks]

Q2).

1. Define clearly the term *Computer Network*.
2. What is a *MODEM*? Describe its usage.
3. Give examples of five popular Operating System.
4. Define clearly the term *Utility programs*.
5. State the difference between the each of the following pair terms:
  - i. *Compiler* and *Interpreter*;
  - ii. *Soft copy* and *hard copy*.
6. Give three advantages of use of *email* against *postal mail*.