EASTERN UNIVERSITY, SRI LANKA

FIRST EXAMINATION IN SCIENCE – 2005/2006 & 2006/2007

FIRST SEMESTER (Aug./Sep. – 2007)

CC 101 – Fundamentals of Computer Systems

(Proper/Repeat)

Answer all questions   **Time Allowed: 01 Hour**

Q1)

a) Briefly describe the term "**Computer Generation**".   (20)

b) Clearly explain the function of "**CPU**" in your computer.   (20)

c) Explain the following terms: (6*10= 60)

- ROM.
- Portable Computer.
- Optical Disk.
- E – Mail.
- Monitor.
- Magnetic Disks.

Q2)

a) Briefly describe the term "**Primary Storage Device**".   (20)

b) What do you mean by "**Input Devices**"? Explain.   (15)

c) Convert: (7*5=35)

     i) 11110001110011_2 to **Octal**.

     ii) 1234657_8 to **Hexadecimal**.

     iii) $ABCF0127_{16}$ to **Binary**.

     iv) 4455337_8 to **Binary**.

     v) 11001111000111111_2 to **Hexadecimal**.

     vi) $DAD2CDA9_{16}$ to **Octal.**

     vii) $EEEAADDCCFF19_{16}$ to **Decimal**.

d) Briefly explain the term "**Computer Languages**".   (15)

e) Discuss about "**Software**" in computing environment.   (15)