



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)  $EEEEADDCCFF19_{16}$  to Decimal.
- d) Briefly explain the term “Computer Languages”. (15)
- e) Discuss about “Software” in computing environment. (15)