

70 SEP 20

EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE- 2001/2002
FIRST SEMESTER (APRIL-2002)

CC 101 & CC102 – FUNDAMENTALS OF COMPUTER SYSTEMS
& INTRODUCTION TO PC APPLICATION
(RE-REPEAT)

Answer all Questions

Time: 2 Hours

Question 01

(a) Write the short notes on the following topics:

- (i) Computer Generation.
- (ii) Data and Information.
- (iii) CPU
- (iv) Primary storage.
- (v) Assembly language.

(b) What does the *Computer Networks* mean?

Briefly describe LAN & WAN Networks.

Question 02

(a) State the full name of the following abbreviations and briefly explain each.

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|------------|------------|
| (i) ENIAC | (ii) IBM |
| (iii) HTTP | (iv) ISDN |
| (v) OOP | (vi) WWW |
| (vii) HTML | (viii) ROM |
| (ix) ALU | (x) CAD |

(b) What is *ASCII*?

Describe the usage of ASCII codes.

Question 03

- (a) Briefly explain the following facilities in the Windows based operating systems.
1. *Windows Explorer*
 2. *Start button.*
- (b) Explain each of the file attributes in the Windows based operating systems.
- (c) Briefly explain the following facilities in the MS Word.
1. *Ruler.*
 2. *Mail Merge.*
 3. *Change case.*
 4. *Replace.*
- (d) What is workbook and worksheet in MS Excel?
- (e) Discuss the following
1. *Filtering Records* in Excel
 2. *Function* in Excel (with using suitable examples).

Question 04

- (a) Name and draw flow chart structures.
- (b) Name the data types that can be used in QBASIC.
Give examples.
- (c) Write an algorithm to read a word and to print whether it is palindrome or not.
Hint:
You may assume that there is no special character (space or hyphen) in the word. Palindrome is a word or sentence that gives the same meaning in both forward and backward directions.
Examples: MADAM, LEVEL, POP.
- (d) Code your algorithm in QBASIC.