BACHELOR OF COMPUTER APPLICATIONS (PRE - REVISED)

Term-End Examination

June, 2013

CS-611 : COMPUTER FUNDAMENTALS AND PC SOFTWARE

Time : 2 hours   *Maximum Marks : 60*

Note :   *Question number 1 is **compulsory**. Attempt **any three** questions from the rest.*

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1.   (a)   Differentiate between Microcomputers, Minicomputers and Mainframes.   6

(b)   List and explain the use of various "disk utilities" in Windows 95.   8

(c)   Write step by step procedure to create a main document and data source. Also, write steps for merge them using mail - merge function of MS - Word.   8

(d)   Explain the usage of the following programming constructs with an example for each :   8

(i)   Array

(ii)   If ...... then ...... else

(iii)   While statement

(iv)   Integer and float variables

2. (a) Define Internet. Explain any four services   5
       provided by Internet.

   (b) Draw and explain any two LAN topologies.   5

3. (a) What are macros ? Write the procedure to   5
       record a macro in MS - Word.

   (b) Compare and Contrast between RISC and   5
       CISC.

4. (a) Explain the various options provided by   5
       Control Panel to manage the users in
       Windows 95.

   (b) What are message switching and packet   5
       switching ? Which one is better and why ?

5. Write a *short note* on the following (in *250* words) :   10
   (a) Distributed Architecture
   (b) Multimedia
   (c) RSA algorithm
   (d) 4GL (Fourth Generation Languages)

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