BACHELOR IN COMPUTER APPLICATIONS

Term-End Examination

December, 2007

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.*

1. (a)   Explain the hierarchical memory system of a computer system.   *6*

    (b)   Explain the functioning of the following computer devices in brief :   *9*

          (i)   Liquid crystal display (LCD) monitor

          (ii)   Projection display

          (iii) Inkjet printer

    (c)   Explain the usage of the following hardware devices in LAN :   *6*

          (i)   Bridges

          (ii)   Routers

          (iii) Gateways

    (d)   List the minimum hardware requirements for running multimedia applications in Windows 95.   *4*

    (e)   List the three basic steps involved in cryptanalysis.   *5*

2. (a) How does the GUI make the use of software easy ? List and explain any three MS WORD editing and proofing tools. 5

   (b) Write the RSA approach to encryption. 5

3. (a) Define a macro in MS WORD. With the help of an example, write the steps for creating a macro of your own choice. 5

   (b) List the steps followed to find a specific text in a given document. 5

4. (a) Explain the following services provided by the Internet : 6

   (i) Global Internet mail

   (ii) Usenet views and news

   (iii) Telnet

   (b) What is the functioning of EDI ? Discuss the application-to-application EDI. 4

5. (a) Write the steps involved in creating a Powerpoint presentation to include the following tasks : 6

   (i) to include a title for the presentation

   (ii) to include 4 bulleted lists

   (iii) to include an image

   (iv) to include a table with 3 rows and 4 columns

   (b) Write the essential differences between Spooling and Buffering. 4