# BACHELOR IN COMPUTER APPLICATIONS

## Term-End Examination

## June, 2006

## 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 steps involved for each of the following in MS-WORD :                    6

    (i)   Soft page break

    (ii)  Hard page break

    (iii) Repagination

    (b)  Explain the following topologies along with diagrams :                    9

    (i)   Star

    (ii)  Bus

    (iii) Ring

    (c)  Explain any seven benefits of MS-WINDOWS.                    7

    (d)  Define Access time, Seek time and Latency time of a Winchester disk.                    6

(e) Write two differences between GUI and CUI. 2

2. (a) Write two features of each of the following : 5

    (i) Public Switched Telephone Networks

    (ii) Public Switched Data Networks

(b) Explain the RSA approach to encryption. 5

3. (a) What is parallel processing ? Also, explain the terms 'Distributed Architecture' and 'Multi processors'. 5

(b) What are the steps involved for creating a graph in Powerpoint ? Also write the steps for changing the graph type. 5

4. (a) What is RISC ? Write four characteristics of RISC. 5

(b) Explain three features of Dot Matrix printing. Also, write two differences between Dot matrix and Inkjet printing. 5

5. (a) What are scanners ? Explain Optical Mark Recognition and Optical Bar Code reader techniques. 5

(b) Explain five categories of files based on their type of information. 5