

BACHELOR IN COMPUTER APPLICATIONS

Term-End Examination

December, 2011

10591

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) What is Multimedia ? Explain the advantages of digital information. List any three multimedia tools. 5
- (b) What is application software ? Explain any three types of application software with an example of each. 8
- (c) What is need of communication channel ? Explain any four media used in communication. 5
- (d) What is GUI ? Explain common features of GUI. 4
- (e) What are Mirror margins and Gutter margins ? How do we set them in a MS-Word document ? 2

(f)	What are viruses ? Explain the damage a virus can do to your system: Explain the three categories of viruses on the basis of their mode of existence.	6
2.	(a) Write short notes on the following : (i) CSMA/CD (ii) Internet	4
	(b) Explain need of compilers. Give four differences between compiler and interpreter.	6
3.	(a) What is Mail Merge ? What is its usage ? Explain implementation of mail merge features.	5
	(b) What is an Integrated Circuit ? Explain its usage in modern day computers. Also explain the DIP and PGA IC packages.	5
4.	(a) What is Vector Processing ? List the areas where vector computers are required. Explain a commercial computer that works on vector instructions.	5
	(b) What is GUI ? Explain four GUI components of a window.	5
5.	(a) Explain simplex, half duplex and full duplex modes of communication.	3
	(b) What is network topology ? Explain tree topology with the help of a diagram.	3
	(c) What is EDI ? What are its benefits ? Explain Application-to-Application EDI.	4