

**BACHELOR OF COMPUTER APPLICATIONS
(BCA) (Pre-Revised)**

Term-End Examination

June, 2015

01213

**CS-611 : COMPUTER FUNDAMENTALS
AND PC SOFTWARE**

Time : 2 hours

Maximum Marks : 60

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

1. (a) What are programming languages ?
Describe the various generations of programming languages. 6
- (b) Define computer security. Describe any six measures by which breach of security can be avoided. 7
- (c) What are Files and Folders in Windows ?
Describe the file naming conventions in Windows 95. 5
- (d) How can tables be created in MS-Word ?
Describe the utility of the commands "Convert Text to Table" and "Convert Table to Text". 7
- (e) What are Macros ? Write steps for creating and running a macro. 5

2. (a) What is the utility of Editing and Proofing tools in MS-Word ? Explain the usage of any one such tool. 5
- (b) Describe the functions of the Briefcase in Windows 95. 5
3. (a) What are Viruses ? Describe the classes of viruses on the basis of their mode of existence. 7
- (b) Explain EDI and its benefits. 3
4. (a) Describe the BUS and TREE LAN Topologies with the help of diagrams. 5
- (b) Why are conditional and looping statements required ? Describe one statement from each category. 5
5. (a) What are the Operating Systems ? Differentiate between System Calls and Operating System Commands. 5
- (b) What is Parallel Processing ? Describe the four categories of Flynn's classification. 5
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