| CS-611 |

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

Term-End Examination

June, 2016

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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 are the uses of files and folders of Windows operating system ? List any four operations that you can perform on files in Windows operating system. Also list any four operations that you can perform on folders in Windows operating system. *6*

    (b) (i) What is Word processing ? List any six functions that are available in MS-Word. *4*

    (ii) What is the need of presentation graphics tools like MS-PowerPoint ? What is the need of "handout" and "outline" views in a PowerPoint presentation ? *4*

(c) What is a LAN in the context of Computer Networks ? What are the characteristics of LAN ? What is the meaning of the term topology in the context of LAN ? Explain the star topology of LAN with the help of a diagram. *8*

(d) What is RAM ? Why do you need RAM in a computer system ? How is RAM different from ROM ? Why do you need external memory even though a computer system has RAM ? *4*

(e) Explain batch processing with the help of an example. *4*

2. (a) Differentiate between the following types of printer technologies : *6*

   (i) Impact printers vs Non-impact printers

   (ii) Fully formed character printers vs Dot matrix printers

   (iii) Serial vs Line printers

   (b) What is a Compiler ? Why is it needed ? How is it different from an Interpreter ? *4*

3. (a) Explain the simplex, half-duplex and full duplex modes of communication with the help of diagrams. *5*

   (b) What is the Internet ? Explain any two services provided by the Internet. *5*

4. (a) Explain the following disk drive utilities : *5*

  (i) Disk defragmenter

  (ii) Scan Disk

  (b) Explain any five settings that you can change using the Control Panel of MS-Windows. *5*

5. Explain the following terms with the help of an example, if needed : *10*

  (a) Editing and proofing tools of MS-Word

  (b) Advantages of Mail Merge feature of MS-Word

  (c) Uses of Macros in MS-Word

  (d) Functions of an operating system

  (e) Cryptography

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