CS-612

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

00763 **Term-End Examination**

December, 2018

CS-612 : PC SOFTWARE APPLICATION SKILLS

Time : 2 hours   *Maximum Marks : 60*

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

1. (a) What do you understand by the term Custom Controls ? List the sequence of steps involved in creating custom controls.   5

   (b) Write short notes on any *four* of the following : $4 \times 2\frac{1}{2} = 10$

      (i) Auto Fit

      (ii) e-Commerce

      (iii) Auto Template

      (iv) DNS

      (v) Telnet

(c) A boatman must ferry across a river with a wolf, a sheep and a bundle of fodder. His boat is too small to carry more than himself and one of the passengers at a time. He cannot leave the wolf alone with sheep or the sheep alone with the fodder. Show how he can cross without any detriment to either sheep or fodder. *10*

(d) What is the remainder left after dividing $1! + 2! + 3! + 4! + ... + 100!$ by 5 ? *5*

2. (a) What is a Search Engine ? What are the different types of Search Engines ? Explain. *5*

(b) What is a URL ? Explain the parts of URL with an example. *5*

3. (a) What is a Scenario ? Explain the steps for creating and editing a scenario. *5*

(b) Explain 'Usenet' and 'Newsgroups' and their significance on the Internet. *5*

4. (a) Prove that the product of consecutive natural numbers cannot be the square of an integer. *5*

(b) What is a Pivot Table ? What is the use of pivot table ? Explain how you can create a pivot table. *5*

5. (a) What is Format Painter ? Give the steps involved in applying Format Painter. *5*

(b) What are the uses of charts in Excel ? What is a Chart Wizard ? Explain two different types of charts. *5*