| CS-612 |

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

Term-End Examination

□□◨◖◗□   **June, 2017**

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 is Internet ? How can one connect to Internet ? List the requirements for Internet connection.   *6*

    (b)   What is a Chart ? Explain how a chart is created in MS-Excel. Also list four types of charts in MS-Excel.   *6*

    (c)   What is FTP ? How is it different from TELNET ? Explain the steps for file transfer from FTP server.   *6*

    (d)   Explain the Konigsberg Bridge problem with the help of a diagram.   *6*

(e) Explain the following functions in MS-Excel :   6

   (i)   ABS

   (ii) SQRT

   (iii) INT

2. (a) What is a Pivot Table ? Explain the steps involved in the creation of a Pivot Table.   5

   (b) What is the remainder left after dividing

   $1! + 2! + 3! + ... + 100!$ by 5 ?   5

3. (a) What is a search engine ? Explain the basic features of any two commonly used search engines.   5

   (b) In Excel, what is a scenario ? Explain the steps for creating and editing a scenario.   5

4. (a) What is a workbook and a worksheet ? Explain how you can restrict access to a worksheet.   5

   (b) Prove that for any integer n greater than 2, $(n > 2) : (n!)^2 > n^n$.   5

5. Write short notes on the following : $5 \times 2 = 10$

   (a) WWW

   (b) DNS

   (c) Decision Tree

   (d) URL

   (e) e-mail