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

Term-End Examination

ΟΟΒΟΟ December, 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 an e-mail ? Explain different components of an e-mail. **6**

    (b) You have been given eight coins, one of which is heavier than the other seven coins. Design a decision tree to determine the heavier coin. **6**

    (c) For all n, prove that $2^n >= 2n$. **5**

    (d) What is WWW ? List and explain any two web browsers. **6**

    (e) What is a Function in MS-Excel ? Explain the following functions of MS-Excel : **7**
        (i)   TODAY
        (ii) LEN
        (iii) LEFT

2. (a) What is a domain-name ? Give examples of any four domains. *5*

(b) What is Internet ? Explain any two commonly used Internet Protocols. *5*

3. (a) Explain the concept of minimum spanning circle with the help of a diagram. *5*

(b) What is a database ? How is a database created ? Explain how to add and delete records in a database. *5*

4. (a) What is chart wizard in MS-Excel ? Explain any two types of charts and their uses. *5*

(b) What is a Firewall ? Explain the advantages of firewall. *5*

5. Write short notes on the following : *10*

(a) Macro

(b) Decanting Problem

(c) Pivot Table

(d) Search Engine

(e) Format Painter