CS-612

BACHELOR OF COMPUTER APPLICATIONS
(PRE-REVISED)
Term-End Examination
June, 2014

02969

CS-612 : PC SOFTWARE APPLICATION SKILLS

Time : 2 hours   *Maximum Marks : 60*

Note :   *(i)*   *Question number 1 is compulsory.*

        (ii)   *Attempt any three questions from the rest.*

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1. (a) What is a Database ? How to create a Database ? How to add, delete and edit a record in Database ?   5

   (b) Define a Scenario Manager in MS-Excel. Write the step-by-step procedure to create, display and edit the scenario with the help of an example.   8

   (c) What is Pivot table ? What is the use of Pivot table ? Explain how do you create a Pivot table ?   7

   (d) What is Internet ? Explain about various Internet Tools ?   5

   (e) Prove that for every Integer n greater than 2 (n > 2),
   $(n !)^2 > n^n$.   5

2. (a) Prove that the sum S_n of the first n cubes,   **5**

$$S_n = \left(\frac{1}{2} \, n(n+1) \right)^2$$

(b) You have been given Eight coins, one of   **5**
which is different of weight than the other
seven coins. Determine which one is
different in no more than 3 weighings using
Decision Trees.

3. (a) What is an E-mail ? Write various   **5**
components of E-mail ?

(b) Define a Search Engine. Give any 4 URL'S   **5**
of search engines. Also, write the essential
features of any one search engine.

4. (a) What is a Chart Wizard ? What are the   **5**
different types of Charts ? Also, explain
their uses.

(b) What is a function in Excel ? Explain any   **5**
four different types of functions with syntax
and an example for each.

5. Write short notes on *any five* of the following :
   (a) Macro in Excel   **5x2=10**
   (b) URL
   (c) HTTP
   (d) WWW
   (e) Format Painter
   (f) Decanting problems

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