

**BACHELOR IN COMPUTER  
APPLICATIONS**

**Term-End Examination**

**December, 2007**

**CS-612 : PC SOFTWARE SKILLS**

*Time : 2 hours*

*Maximum Marks : 60*

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**Note :**

- (i) Question number 1 is **compulsory**.
  - (ii) Answer any **three** questions from the rest.
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1. (a) Prove that the product of four consecutive natural numbers cannot be the square of an integer. 8
- (b) With the help of an example, explain how to enter a formula, do some calculations and also mention to edit the formula in MS-EXCEL. 7
- (c) Summarize the basic features of any search engine. Also, list the basic options that would be available on them. 7
- (d) What is the significance of Domain Name System ? List any three geographic and non-geographic domain names. 8

2. (a) With respect to MS-EXCEL, what are internal and external databases ? List any two external databases. Also, explain any one way to create a database in EXCEL. 5
- (b) With the help of an example, explain the application of a decision tree. Also draw the decision tree for the example problem. 5
3. (a) Write the basic functionality of the following in MS-EXCEL : 6
- (i) Format Painter
  - (ii) Function
  - (iii) Chart Wizard
- (b) Write the process of sending an attachment (either a text file or image) through an email. 4
4. (a) What is the remainder left after dividing  $1! + 2! + 3! + \dots + 100!$  by 7 ? 5
- (b) List any five important features of any GUI browser. 5
5. Write short notes on any **four** of the following : 10
- (a) Decanting problems
  - (b) Minimum spanning circles
  - (c) FTP
  - (d) Gopher
  - (e) Doughnut and Radar charts