

**BACHELOR IN COMPUTER
APPLICATIONS****Term-End Examination****December, 2007****CS-612 : PC SOFTWARE SKILLS***Time : 2 hours**Maximum Marks : 60***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 :

- (a) Decanting problems
- (b) Minimum spanning circles
- (c) FTP
- (d) Gopher
- (e) Doughnut and Radar charts

