

**BACHELOR OF COMPUTER
APPLICATIONS
(PRE-REVISED)
Term-End Examination**

December, 2013

CS-612 : PC SOFTWARE APPLICATION 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) Give the syntax for the following Built - in functions with help of an example of each : 5
(i) ROUND (ii) FIND
- (b) What is a chart ? Explain how a chart is created in MS-Excel. Also list four chart types in MS-Excel. 6
- (c) Explain how a decanting problem is solved. Provide solution for the following problems. You are provided a 12l vessel filled with water and two vessels of 9l and 5l capacity. How can you divide 12l. Water into two equal portions ? 7
- (d) What is a search engine ? Explain the features of any two search engines which are commonly used. 6
- (e) What is Internet ? Also list any four applications of Internet. 6

2. (a) What is a scenario ? Explain steps for creating and editing a scenario. 5
- (b) You are given three integers I_1, I_2, I_3 . Prove that the average of any two of these must be an integer. 5
3. (a) Explain the working of following Excel functions, also give example of each : 6
- (i) EXACT ()
- (ii) SUM ()
- (iii) MOD ()
- (b) Briefly describe the following terms related to Internet : 4
- (i) WWW (ii) FTP
- (iii) Telnet (iv) HTTP
4. (a) What is use of MS- Excel ? Explain any two applications of MS-Excel with proper examples. 5
- (b) What is a macro ? Explain its utility in MS-Excel. Write steps for recording and running a macro. 5
5. Write short notes on the following : 10
- (a) URL
- (b) E-mail
- (c) Firewall
- (d) Pivot table
- (e) Format painter