

**BACHELOR OF COMPUTER
APPLICATIONS (BCA)
(PRE-REVISED)**

Term-End Examination

June, 2019

CS-612 : PC SOFTWARE APPLICATION SKILLS

Time : 2 Hours

Maximum Marks : 60

*Note : Question No. 1 is compulsory. Answer any
three questions from the rest.*

1. (a) What is a work-sheet ? How is it different from work-book ? Write step by step process to create a work-sheet with students assignment marks data of CS-612 course, of your batch. 6
- (b) Prove that for all $n \geq 4$, $2^n \geq 4n$. 5
- (c) What is Internet ? List and explain the various types of internet connections. 6
- (d) Explain any *five* fields of an e-mail composition window. 5

- (e) You are given 13 coins, and one of them is heavier than the rest. How can you determine the heaviest in not more than 3 weighings ? 8
2. (a) What is FTP ? Write *four* commonly used FTP commands with syntax. 5
- (b) What are Macros ? What are their uses ? How can you create and run a macro ? 5
3. (a) What is a Web Browser ? Explain essential features of any Web Browser. 5
- (b) What is firewall ? Explain its usage. 5
4. (a) What is a Pivot Table ? Explain how pivot table is created. 5
- (b) Explain the following MS-Excel functions with the help of an example for each : 5
- (i) FLOOR()
- (ii) SUM()

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5. Write short notes on the following : $5 \times 2 = 10$

- (a) News Group
- (b) Search Engine
- (c) URL
- (d) Konigsberg Bridges Problem
- (e) DNS