

B.Tech. (Sem. - 1st/2nd)**FUNDAMENTALS OF COMPUTER PROGRAMMING AND
INFORMATION TECHNOLOGY****SUBJECT CODE : CSE-101 (2K2 & 2K3)****Paper ID : [A0108]****[Note : Please fill subject code and paper ID on OMR]****Time : 03 Hours****Maximum Marks : 60****Instruction to Candidates:**

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Five** questions from Section - B & C.
- 3) Select at least **Two** questions from Section - B & C.

Section - A**Q1)****(Marks : 2 Each)**

- a) What types of icons are there on the desktop?
- b) How is spell checking done?
- c) What is the Significance of Network Neighborhood?
- d) What are Header and Footers? How are they put in the document?
- e) What is Recycle Bin used for?
- f) What is the difference between the two expressions: ++i and i++.
- g) What is call by reference method in use of function?
- h) What is virtual function?
- i) What is an interface?
- j) What is a constructor and destructor?

Section - B**(Marks : 8 Each)**

- Q2)** (a) What is basic structure of computer and application of Computer in society?
- (b) Explain input and output devices.

- Q3) (a) Explain booting process of the system.
(b) What are external DOS commands? Explain the function of the following commands with syntax:
(i) CHKDSK (ii) DISKCOMP
(iii) TREE (iv) RESTORE.
- Q4) (a) What are features of Windows Operating System?
(b) Write steps to search files and folders.
- Q5) (a) Describe the complete process of Mail merge.
(b) Explain the editing tools of word.

Section - C

(Marks : 8 Each)

- Q6) Differentiate between the following:
(a) Objects and Classes.
(b) Abstraction and Encapsulation.
(c) Procedural and Object Oriented Language.
- Q7) (a) What is a data file? How data files can be classified?
(b) Write a program that read some text from keyboard and write it into a file name "CSE 101.txt". The program then reads this file and displays its contents on the computer screen.
- Q8) What is class? Describe the syntax for declaring classes, creating objects and accessing members of a class, with the help of examples.
- Q9) (a) Write a program to calculate the square of an **int** and **float** number using overloaded function sqr().
(b) Explain different types of errors during compilation process.

