Roll No……..….. **Total No. of Printed Pages: [01]**
Total No. of Questions: [09]

B.Sc. (Food Tech.)/B.F.S.T (Hons.) (Semester – 1st)
COMPUTER SCIENCE AND APPLICATIONS
Subject Code: BFOTS1104
Paper ID: [19131704]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:

a. What is a computer?
b. Explain PROM in brief?
c. What is an icon and what is its benefits in Windows operating system?
d. What do you mean by World Wide Web?
e. Briefly explain the purpose of virus in system protection?
f. What are different types of graphics? Explain.
g. What is the purpose of data import in power point?
h. What is worksheet?
i. Differentiate between internet and intranet?
j. Differentiate between DOS & Windows operating system.

Section – B **(5 marks each)**

Q2. Explain basic architecture and functions of CPU and its parts with suitable diagram.
Q3. Discuss import and export of data in MS Excel with an example.
Q4. Explain bounded and unbounded communication media.
Q5. Explain virtual memory with diagram.
Q6. How one can achieve data security against viruses? Explain taking an example scenario.

Section – C **(10 marks each)**

Q7. Explain internal structure and working of hard disk with diagram.
Q8. What is mail merge? Explain the concept of mail merge in MS Word with a suitable example.
Q9. Explain seven layers of OSI architecture with a neat diagram.