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Total No. of Printed Pages: [01]

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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.