

1127
B. Voc. (Food Processing & Preservation)
First Semester
BFP-102: Computer Fundamentals (Old)

Time allowed: 3 Hours

Max. Marks: 60

NOTE: Attempt five questions in all, selecting at least one question from each Unit.

UNIT-I

- I. a) List and explain some important characteristics of a Computer.
b) Why modern digital computers are often referred to as stored program digital computers? (6,6)
- II. List the various computer generations along with the key characteristics of Computers of each generation. (12)

UNIT-II

- III. Draw a block diagram to illustrate the basic organization of a computer system and explain the functions of the various units. (12)
- IV. a) Identify the basic elements of communication system and purpose of each.
b) Explain five basic operations, all computer systems perform for converting raw input data useful information and presenting it to a user. (6,6)

UNIT-III

- V. a) What is a secondary storage? How it differs from a primary storage?
b) Explain how information is recorded on a magnetic tape. (6,6)
- VI. Explain advantages and limitations of optical disks. (12)
- VII. Write short notes on:
a) Uses of magnetic disks
b) Mass storage devices
c) CD-ROM (12)

(2)

UNIT-IV

VIII. Differentiate between input and output device. Can a device be used as both an input and output device? If no, explain why? If yes, give an example of such a device.

(12)

IX. Write short notes on:

- a) Mouse
- b) Joystick
- c) Inkjet printers
- d) Key board devices

(12)

X. Write the full forms of the following abbreviations:

- a) GUI
- b) CAD
- c) OCR
- d) OMR
- e) UPC
- f) MICR
- g) VDT
- h) CRT
- i) CPS
- j) CAM
- k) LCD
- l) I/O devices

(12)