

1127

B.Voc (Hardware & Networking)

1st Semester

VHN-102: Fundamentals of Information Technology (Old)

Time allowed: 3 Hours

Max. Marks: 75

Note: Attempt five questions in all, including question no. IX (Unit V), which is compulsory and selecting one question each from Unit (I - IV).

0-0-0

UNIT – I

- I. a) Define computer system. Explain its various types on the basis of its purpose. (8)
 b) How the computer performance and speed has increased through its generations? Explain various generations of computer. (7)
- II. a) Explain various characteristics of computer. Also give its classification on the basis of its size. (8)
 b) How do you organize a computer? Explain its uses and applications. (7)

UNIT – II

- III. a) Define hardware. Explain various input hardware devices. (8)
 b) Explain the difference among serial, line and page printers. (7)
- IV. a) What is plotter? Explain its various types along with their uses. (8)
 b) Explain various output devices with few examples. (7)

UNIT – III

- V. a) How information is stored in memory? Also explain the different types of primary memories in detail. (8)
 b) Explain magnetic disk, compact disk and optical disk salient features for storage of information. (7)
- VI. a) Explain various types of RAM and ROM. (8)
 b) When memory is called Secondary memory? Explain any two secondary storage devices in detail. (7)

UNIT – IV

- VII. a) What is software? Explain its various types in detail. (8)
 b) Explain various data-processing systems along with their importance. (7)
- VIII. a) What is operating system? Explain its functions and types. (8)
 b) Draw difference among compilers, interpreters and assemblers with examples. (7)

UNIT – V

- IX. Explain:- (3)
- a) Solid state
 - b) Visual display devices
 - c) Speakers
 - d) Scanners
 - e) PDA
 - f) Workstations
 - g) Laptops
- (6 x 2)

0-0-0