

2023

B.E. (Information Technology), First Semester
ITC-101: Introduction to Information Technology

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Explain the following terms:-

- a) Plotters
- b) DVD
- c) Moore's Law
- d) I/O port
- e) Ethernet

(5x2)

UNIT - I

- II. a) Describe the format of hexadecimal number system
b) Explain the working of computer input units.

(4,6)

- III. a) Differentiate between various disk drives available for computer system.
b) Explain the significance of processors used in desktops and laptops.

(5,5)

- IV. With the help of diagram explain the memory organization of computer system. (10)

UNIT - II

- V. a) List the various qualities of a software.
b) Explain the time sharing feature of operating system. (5,5)
- VI. Describe various data models with the help of diagram. (10)
- VII. Explain the various layers of OSI model used for communication over networks, (10)

x-x-x