

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**BTTM (Sem.-1)**  
**COMPUTER OPERATIONS**  
Subject Code : BTTM-104-18  
M.Code : 75420  
Date of Examination : 17-01-2023

**Time : 3 Hrs.**

**Max. Marks : 60**

### INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

## SECTION-A

- 1. Write briefly :**
- a) What is difference between Data and Information?
  - b) Define CPU.
  - c) What do you mean by secondary storage devices?
  - d) Define Interpreters.
  - e) Define System Softwares.
  - f) What do you mean by Operating System?
  - g) What do you mean by Network Topology?
  - h) Define Hub.
  - i) Define NIC.
  - j) Define WAN.

## SECTION - B

2. Draw and explain block diagram of general purpose computer.
3. Explain **any five** input and output devices.
4. Differentiate between Assembler, Interpreter and Compiler with suitable examples.
5. Explain Secondary storage devices in detail.
6. Explain Bus and Star Network Topologies.

## SECTION-C

7. Explain characteristics of Computer and Classification of Computers in detail.
8. **Explain below terms:**
  - a) Server
  - b) Ethernet
  - c) Twisted Co-axial
  - d) MAN
9. Explain system softwares and application softwares in details.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**