

**Total No. of Questions : 09**

**B.Sc.(BT) (2013 to 2017) (Sem.-1)**  
**COMPUTER APPLICATION IN BIOTECHNOLOGY**  
**Subject Code : BSBT-107**  
**M.Code : 47024**

**Time : 3 Hrs.**

**Max. Marks : 60**

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 has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

## SECTION-A

**1) Answer briefly :**

- Define Computer.
- Give difference between data and information.
- Name **any three** main components of a Computer.
- Write note on Keyboard.
- Write note on light pen.
- What are the main components of CPU?
- How computer works as a system?
- What is Algorithm?
- What is the significance of Multiple Sequence Alignment?
- What is Maximum Parsimony?

### SECTION-B

- 2) Explain the working of Computer. Give 2 advantages of Computer.
- 3) Explain application of Computers in Education.
- 4) What is the difference between RAM and ROM?
- 5) Explain Plotters in detail.
- 6) Write a note on Magnetic disks and tapes.

### SECTION-C

- 7) What are Secondary Storage devices? Explain **any two**.
- 8) Write a detailed note on Output Devices.
- 9) Describe **any two** Distance based methods of Phylogenetic estimation.

**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.**