

**Total No. of Pages : 02**

**B.Sc.(BT) (2013 to 2017) (Sem.-1)**  
**COMPUTER APPLICATION IN BIOTECHNOLOGY**  
**Subject Code : BSBT-107**  
**Paper ID : [F0204]**

**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.

**Q1. Answer briefly :**

- a) Define Computer.
- b) What is the relation between data and information?
- c) Name any three main components of a Computer.
- d) What are Input Devices?
- e) What is the use of MICR?
- f) What are the main components of CPU?
- g) Define System Software.
- h) What is Algorithm?
- i) Define Primary database. Give 2 examples.
- j) Name any two protein secondary structure prediction software tools.

### SECTION-B

- 2) Explain the working of Computer. Give 2 advantages of Computer.
- 3) Explain application of Computers in Medical Science.
- 4) What is the difference between RAM and ROM?
- 5) Write a note on Magnetic disks and tapes.
- 6) Describe the salient features of GenBank Database.

### SECTION-C

- 7) Discuss various Secondary Storage devices.
- 8) Write a detailed note on Output Devices.
- 9) What is multiple sequence Alignment? Explain the progressive alignment algorithm method of MSA.