Roll No.

Total No. of Questions : 09

Total No. of Pages : 02

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

Time: 3 Hrs.

Max. Marks : 60

INSTRUCTION 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 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

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.