Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (BT) (2014 to 2017)   (Sem.–1)
COMPUTER APPLICATION IN BIOTECHNOLOGY
Subject Code : BSBT-107
M.Code : 47024

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

Write briefly :

1) What do you mean by the term data?

2) What is the working cycle of computer?

3) What is Memory?

4) What are two main types of mouse?

5) What is the use of Optical Mark Reader?

6) What is the use of Cache Memory?

7) What is Application Software?

8) What are analogue computers?

9) What is CLUSTAL?

10) What is the significance of Sequence Alignment?

SECTION-B

11) What is the difference between Hardware and Software, Digital and Analog Computer?

12) Explain the various components of computer by using Block Diagram.

13) Explain the hierarchy of Printers.

14) Write a note on Optical disks.

15) Describe any one method for protein secondary structure prediction.

SECTION-C

16) Explain Various input devices in detail.

17) Explain Primary memory in detail.

18) Describe the distance based methods for Phylogenetic analysis.

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