

Exam. Code : 210001

Subject Code : 4899

M.Sc. Botany 1st Semester (Batch 2021-23)

**COMPUTER APPLICATIONS AND
BIOINFORMATICS**

Paper : BOTC 519

Time Allowed—3 Hours] [Maximum Marks—50

Note :— Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The **fifth** question may be attempted from any section. All questions carry equal marks.

SECTION-A

1. (a) What is Book mark and how to insert and access Book mark in MS Word ? 5
- (b) Discuss various alignments in MS Word. 5
2. (a) What do you mean by headings, styles fonts and font size in MS Word ? 5
- (b) How to insert and access page breaks in MS Word ? 5

SECTION-B

3. (a) What do you mean by range and how it is created, edited and selected in Excel ? 5
- (b) How to put page breaks, headers and footers in MS-Excel ? 5

4. (a) How to format grid lines and legends in MS-Excel ? 5

- (b) What is cell referencing in MS-Excel ?

5

SECTION-C

5. Explain different views available in MS PowerPoint. 10
6. Why specialized data model is required for biological sequences ? 10

SECTION-D

7. Explain databases for searching Homologous Sequences. 10
8. (a) What do you mean by taxonomy browser at NCBI ? 5
- (b) Define UNIPORT and SWISSPORT. 5