



QP CODE: 25050441



Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION, DECEMBER 2025

First Semester

M Sc BIOINFORMATICS

**Core Courses - BT010104 - INTRODUCTION TO COMPUTING AND
BIOINFORMATICS**

2019 Admission Onwards

77B23906

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. How DBMS helps easy access of Data?
2. What is a compiler?
3. What is Internet?
4. Differentiate between Bioinformatics and Computational Bioinformatics/
5. What is a database?
6. What is the use of tag in HTML?
7. What are Keywords?
8. Explain while loop with example.
9. Differentiate between %c & %s in C.
10. Explain the use of fopen() function in C.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. What are the characteristics of CPU?
12. What the function of an Android Operating System?
13. Discuss about various branches of Bioinformatics.
14. How can you apply various applications of Bioinformatics in Cancer research?





15. Comment on different ways of adding style sheets in HTML.
16. Explain the use adding JavaScript in HTML Page.
17. Create a program in C to accept two numbers and perform all arithmetic Operations in C.
18. Create a C structure which can store information about 2 Books and assign the value and print.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Comment on the features of Android Operating System.
20. Elaborate on the scope and various research areas of Bioinformatics.
21. Create a webpage on Topic Bioinformatics.
22. Create a program to accept number of values entered by the user into an array and print the sum and average of the values.

(2×5=10 weightage)

