



QP CODE: 25020934



25020934

Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE  
EXAMINATIONS, FEBRUARY 2025**

**Sixth Semester**

B.Sc Bioinformatics Model III

**CORE COURSE - BI6CRT20 - APPLIED BIOINFORMATICS**

2017 Admission Onwards

7E07BA10

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is interpretation in research?
2. What is a report format?
3. What are Internet search techniques?
4. When is an application for patent published?
5. Biochips are made up of.
6. Define Bioreceptors.
7. What is meant by cell?
8. What is Anthropology?
9. Who is the father of human genetics?
10. Which are the main sub-disciplines of bioinformatics?
11. Write a note on any two computing languages used in bioinformatics.
12. What is the study of pharmacology?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What are the benefits of organizing?





14. Why is quantitative data important?
15. Does copyright apply to titles and names?
16. What are the 4 types of biotechnology?
17. What is difference between FTP and HTTP?
18. What is a specialized database?
19. What is Biodiversity hotspot?
20. What are the different techniques for literature mining?
21. What is the difference between drug safety and pharmacovigilance?

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. What is bioethics and why is it important?
23. Why is computational biology important? explain?
24. Write an essay on methods in DNA-computing.
25. Write an essay on the application of bioinformatics in Microbial genome applications.

(2×15=30)

