QP CODE: 24001176

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

Sixth Semester

B.Sc Bioinformatics Model III

CORE COURSE - BI6CRT20 - APPLIED BIOINFORMATICS

2017 Admission Onwards

992268B9

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. What is a analytical tool?

2. What are the types of report?

3. What are Internet search techniques?

4. How is a copyright different from a patent or a trademark?

5. Who invented biotechnology?

6. Define Tic-tac-toe game.

7. What is E-Cell System?

8. What is Anthropology?

9. What is Gene Therapy ?

10. What is the role of pharmacovigilance?

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. How do you organize data in research?

14. What are the four types of data?

15. Write a note on patenting of life forms.

16. Explain Ink jetting microarray.

17. Write an essay on the importance and uses of computers in lifescience.

18. What is difference between FTP and HTTP?

19. What are endemic species?

20. Explain three potential risks of genetic engineering technology.

21. How the term bioinformaticist is different from bioinformatician?

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. What is bioethics and why is it important?

23. Write an essay on Biological databases.

24. Write an essay on Biochips.

25. Explain the scope and importance of Bio informatics in the present day.

(2×15=30)