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

Third Semester

B.Sc Biotechnology Model III

CORE COURSE - BT3CRT08 - BIOSTATISTICS AND COMPUTER APPLICATION

2017 Admission Onwards

702DB816

Time: 3 Hours   Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Define sample.

2. Write an example for qualitative data.

3. What is regression?

4. Define tabulation.

5. Define ogive.

6. Define binomial distribuion.

7. Name three small sample tests.

8. What is an object oriented programming?

9. Name any two datastructures.

10. What is WIFI?

11. Name any software used in statistical analysis.

12. Write the formula for standard deviation.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. What are the characteristics of statistics?

14. What are the relative measures of dispersion?

15. Describe the null hypothesis and alternative hypothesis.

16. What is goodness of fit test?

17. Explain Chi-square test.

18. Mention about the characteristics of High-level and Low-level Languages.

19. Write short note on binary number system.

20. Describe spreadsheet and what is its significance.

21. Explain frequency table.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Define primary data. State the various methods of collecting primary data and discuss their relative merits and demerits.

23. Write an account on representation of data.

24. What is computer? Which are the different parts of a computer?

25. Explain MS Office software packages.

(2×10=20)