QP CODE: 21101941

Reg No   :   ....

Name   :   ....

B.Sc DEGREE (CBCS)EXAMINATION, AUGUST 2021

Third Semester

B.Sc Biotechnology Model III

CORE COURSE - BT3CRT08 - BIOSTATISTICS AND COMPUTER APPLICATION

2017 Admission Onwards

61D7AE07

Time: 3 Hours   Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Write an example for quantitative data.

2. What is schedule?

3. What is the relation between correlation coefficient and regression coefficients?

4. Define stubs.

5. Define mode.

6. Define level of significance.

7. Name three small sample tests.

8. Define RAM.

9. What is a compiler?

10. What is an object oriented programming?

11. What is bubble sort?

12. Write the formula for mean.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Difference between positive and negative skewness.

14. Distinguish between discrete and continuous frequency distribution.

15. What are the conditions under which binomial distribution is used?

16. What is goodness of fit test?

17. Explain Chi-square test.

18. Convert to binary.
    a) 45 ,b) 32

19. Explain any five applications of internet.

20. Explain the features of word processing software.

21. List computer oriented statistical techniques.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Discuss the various methods of probability sampling.

23. Explain pie chart. Draw a pie chart from the following data: Pigments Percentage Chlorophyll a 45 Chlorophyll b 25 Xanthophyll 15 Carotene 10 Anthocyanines 5.

24. Explain basic database concepts.

25. Explain different features of spread sheet software.

(2×10=20)