2022
B.A./B.Sc.
Sixth Semester
DISCIPLINE SPECIFIC ELECTIVE – 4
BOTANY
Course Code: BOD 6.21
(Biostatistics)

Total Mark: 70   *Pass Mark: 28*
Time: 3 hours

Answer <u>five</u> questions, taking <u>one</u> from each unit.

UNIT–I

1. What is biostatistics? What are its functions?   14

2. Write notes on the uses of statistics. What are its limitations?   7+7=14

UNIT–II

3. What is secondary data? Write its uses and limitations.   4+10=14

4. What is primary data? Discuss the different methods by which primary data can be collected.   4+10=14

UNIT–III

5. Write a note on median and mode.   7+7=14

6. What is the standard deviation? Write the properties and uses of standard deviation.   4+10=14

UNIT–IV

7. What is the probability that number 6 does not show up in a single rolling of a dice?   14

8. What is the probability of getting consecutive sixes in the three rolling of a single dice? 14

UNIT–V

9. What is a student's t-test? Discuss on the suggestion that the average weight is 66 kg from the given data of 9 individuals whose weights are 63, 66, 67, 68, 69, 70, 70, 71, 71. 4+10=14

10. What is the chi-square test? What are its uses? 4+10=14

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