K-361

MSCBOT-606

Biostatistics

M.Sc. Botany (MSCBOT)

4th Semester Examination, 2023 (Dec.)

Time : 2 Hours]   **Max. Marks : 70**

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. Give a detialed account on tabulation of data and its types.

2. Explain the characteristics of a Poisson distribution. Give two examples, the distribution of which will confirm to the Poisson form.

3. Define Hypothesis and also discuss about the types of Hypothesis.

4. What is correlation? Describe the types and degree of correlation.

5. Define Probability. Explain in detail the Laws of Probability.

SECTION–B
(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.   (4×8=32)

1. Give a short note on the stem-leaf method of data presentation.

2. Write a short note on Biostatistics.

3. Discuss various mean of dispersal.

4. Write short note on range and its utility,

5. Discuss about a pie chart with diagram.

6. Write a note on t- Test and its uses.

7. Discuss in brief Multivariate analysis.

8. Write a short note on Complete and incomplete block designs.

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