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25-SE-42

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
MAY - JUNE 2025**

SEED TECHNOLOGY

Paper - II

[Statistic and Computer Application in Agriculture]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt all five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Explain following -

- i) What are the main aims of statistics ?
- ii) Classification and tabulation of data in statistics.

OR

- i) Advantages and disadvantages of the Arithmetic mean.
- ii) Meaning and importance of Median in Statistics.

Q. 2 Explain the concept and significance of standard error in Statistics.

OR

Describe how Random sampling and simple sampling method work.

Q. 3 Explain the key concepts such as null hypothesis, alternative hypothesis, and significance level in the context of the Test of significance.

OR

Explain following -

- i) Completely Randomized design.
- ii) Randomized Block design

Q. 4 How would you use a computer to process data for an agricultural study?

OR

P.T.O.

Describe the major technological advancements that occurred in each generation of computers?

Q. 5 Explain the function of the Central Processing Unit (CPU) in a computer

OR

Describe the role of input and output devices in the anatomy of a computer system.

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