M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION JUNE - JULY 2024

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 five questions. Each question carries an internal choice.
Each question carries **15 marks.**

Q. 1 Explain following -

i) Classification and Tabulation of data.   (7½ Marks)

ii) Advantages and disadvantages of Median.   (7½ Marks)

OR

Explain following -

i) Harmonic mean and weighted mean as measures of central tendency. (7½ Marks)

ii) Advantages and disadvantages of Mode.   (7½ Marks)

Q. 2 Describe the sampling and non sampling errors.   (15 Marks)

OR

Explain following -

i) Random Sampling.   (7½ Marks)

ii) Estimation of Population mean.   (7½ Marks)

Q. 3 Describe the basic concepts used in tests of significance.   (15 Marks)

OR

Explain following -

i) Degree of Freedom.   (7½ Marks)

ii) LSD   (7½ Marks)

Q. 4 Describe the brief history of computing data processing and information. **(15 Marks)**

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OR

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Describe the first, third and fifth generation computers with their features. **(15 Marks)**

Q. 5 Explain following -

    i) Anatomy and components of computer. **(7½ Marks)**

    ii) Computer Organization CPU, ALU. **(7½ Marks)**

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OR

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Explain following - **(7½ Marks)**

    i) System software and application software. **(7½ Marks)**

    ii) Fundamentals of DOS commands.

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