

Roll No.

24-SE-22

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

SEED TECHNOLOGY

Paper - II

[Seed production in Vegetables, Fibers and Fodder Crops]

[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 Describe in details the maintenance of Breeder Seed in cross pollinated crops. (15 Marks)

OR

Explain the methods and techniques of seed production in Jute crops. (15 Marks)

Q. 2 Explain the methods of seed production in tomato crop. (15 Marks)

OR

Describe the pollination and breeding mechanism of any one vegetable plant. (15 Marks)

Q. 3 Write notes on - (15 Marks)

- i) Pollination mechanism of fennel.
- ii) Floral structure, floral formula and floral diagram of Chili.

OR

Describe the methods and techniques of seed production of any one spices plant. (15 Marks)

Q. 4 Explain the methods of seed production of potato. (15 Marks)

OR

Describe the pollination mechanism and seed production in Ginger. (15 Marks)

P.T.O.

Q. 5 Write notes on -

(15 Marks)

- i) Floral structure, floral diagram and floral formula of Berseem.
- ii) Seed production techniques in Lucern.

OR

Explain pollination and breeding mechanism in any fibber plant with suitable diagrams. (15 Marks)

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