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25-SE-21

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

SEED TECHNOLOGY

Paper - I

[Seed Production of Cereals, Pulses and Oil Seeds]

[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 Write the basic strategies of seed production and importance of quality seeds.

OR

Explain the floral structure pollination mechanism and breeding methods in paddy.

Q. 2 What is Cross Pollination ? Describe the pollination mechanism and seed production methods of Sorghum.

OR

Explain the breeding method and pollination mechanism of Bajara.

Q. 3 What are Pulses ? Write the method and techniques of seed production in green gram.

OR

Give an account of floral structure and pollination mechanism of Chick pea.

Q. 4 Describe the seed production method of safflowers.

OR

- a) Describe the floral structure of linseed with suitable diagrams.
- b) Explain the pollination mechanism of sesame.

Q. 5 What do you mean by Major oil seed crops ? Describe the seed production method of groundnut.

OR

- a) Describe floral structure of sunflower.
- b) Explain breeding methods of castor.