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24-SE-21

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

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

Q. 1 Write the basic principle of Seed Production. (15 Marks)

OR

Explain the floral structure and breeding methods of Barley.

Q. 2 Describe the seed production method of Sorghum. (15 Marks)

OR

Explain the breeding method and pollination mechanism of Bajra.

Q. 3 Write the method and techniques of Green gram seed production. (15 Marks)

OR

Describe the floral structure and pollination mechanism of Pigeon Pea.

Q. 4 Describe the seed production method of Mustard. (15 Marks)

OR

- a) Explain the floral structure of Linseed.
- b) Explain the pollination mechanism of Sesame.

Q. 5 Describe the Seed production method of Groundnut. (15 Marks)

OR

- a) Explain floral structure of Sunflower.
- b) Explain Breeding method of Soyabean.