

Roll No.

25-SE-23

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

SEED TECHNOLOGY

Paper - III

[Seed Processing and Storage]

[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) Principles of Seed Processing. (5 Marks)
- ii) Method of Seed Processing. (5 Marks)
- iii) Required moisture content of seed. (5 Marks)

OR

Explain following -

- i) Scalper. (5 Marks)
- ii) Huller. (5 Marks)
- iii) Monograph (5 Marks)

Q. 2 What is Seed Drying ? Explain its methods and seed driers. (15 Marks)

OR

Explain following -

- i) Types of Screens. (5 Marks)
- ii) Seed Separation. (5 Marks)
- iii) Gravity Separator and Spiral Separator. (5 Marks)

Q. 3 Explain following -

- i) Location of the seed processing plant. (7 Marks)
- ii) Elevator and Conveyors. (8 Marks)

P.T.O.

OR

Explain following -

- i) Types of Layout. (8 Marks)
- ii) Picker Belt. (3 Marks)
- iii) Balances. (4 Marks)

Q. 4 Explain following -

- i) Seed Treating Equipments. (10 Marks)
- ii) Label for Certified Seed. (05 Marks)

OR

Explain following -

- i) Seed Bagging and its methods. (10 Marks)
- ii) Advantages of Seed Treatment. (05 Marks)

Q. 5 Explain following -

- i) Factors affecting seed storability. (8 Marks)
- ii) Changes during Seed Storage. (7 Marks)

OR

What is Seed Blending ? Explain its method and seed Blenders. (15 Marks)

—○—