



K22P 3263

Reg. No. :

Name :

IV Semester M.Sc. Degree (CBSS – Reg./Supple/Imp.) Examination, April 2022
(2018 Admission Onwards)
BOTANY
BOT 4E 05 : Seed Technology

Time : 3 Hours

Max. Marks : 60

I. Answer **any two** of the following. (2×8=16)

1) Explain different methods of moisture determination.

OR

2) Describe the procedure involved in hybrid seed production.

3) Discuss factors affecting germination.

OR

4) Write a general account on seed inspection.

II. Answer **any two** of the following. (2×6=12)

5) a) Random sampling.

1

b) Sample size.

2

c) Sampling techniques.

3

6) a) Mudi.

1

b) Seed deterioration.

2

c) Relation between moisture and storage.

3

7) a) Dormancy.

1

b) Reasons for dormancy.

2

c) Breaking of dormancy.

3

III. Answer **any six** of the following. (6×3=18)

8) Purity analysis.

9) Growing on test.

10) Exomorphic characters.

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11) Maintenance of inbred lines.

12) Seed maturation.

13) Seed certification.

14) The Seed Act of India (1996).

15) Stored fats.

IV. Answer **any seven** of the following. (7×2=14)

16) ISTA.

17) Life span of seed.

18) Orthodox seed.

19) Phytins.

20) Alpha amylase.

21) National Seed Corporation.

22) Seed longevity.

23) Seed coat identification.

24) Seed quality.

25) Breeder seeds.