

23BBO503B
UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR
AT THE END OF FIFTH SEMESTER
BOTANY-SEED TECHNOLOGY (B.Sc. HONOURS-MAJOR)
(w.e.f. Admitted Batch 2023-24)

Time: 3 Hours

Maximum: 70 Marks

Section-A

Answer any Five Questions.

5x4=20

1. Types of seed dormancy.
2. Cryopreservation.
3. Seed viability.
4. Objectives of seed health testing.
5. Duties of seed certification agency.
6. Goals of Seed technology.
7. General principles of seed storage.
8. Importance of seed moisture.

Section-B

Answer All Questions.

5x10=50

9. a) Explain various methods of breaking dormancy.
(Or)
b) Describe the structure of Dicot & Monocot seeds.
10. a) Describe the benefits, types & conditions of seed treatment.
(Or)
b) Explain the safety precautions during processing of seeds.
11. a) Explain the advantages & disadvantages of Tetrazolium tests.
(Or)
b) Explain the methods of measuring of seed vigour.
12. a) Explain the various seed treatment methods.
(Or)
b) Explain the regulatory control methods of seed borne pathogens.
13. a) Describe the important stages of seed certification process.
(Or)
b) Explain the various types of seeds recognized by AOSCA.
