

23BBO504B
UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR
AT THE END OF FIFTH SEMESTER
BOTANY-PLANT PROPAGATION TECHNIQUES
(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. Phytotron.
2. Bud mutations.
3. Advantages of propagation by cuttings.
4. Trench layering.
5. Cleft grafting.
6. Mist chamber.
7. Chimeras.
8. Compound layering.

Section- B

Answer All Questions.

5x10=50

9. a) Mention the various tools & implements used for nursery.
(Or)
b) Explain the advantages & disadvantages of Sexual & Asexual reproduction.
10. a) Describe the concept of Apomixis in detail.
(Or)
b) Define Polyembryony & mention the types & its significance.
11. a) Explain the role of plant growth regulators in rooting of cuttings.
(Or)
b) What are Cuttings? Explain the various types of stem cuttings.
12. a) Define Layering. Explain simple & tip methods of layering.
(Or)
b) What are advantages & disadvantages of layering?
13. a) Give an account on propagation by budding.
(Or)
b) Explain different types of graft incompatibility.
