

B.Sc. Semester - 5 (Remedial) (NEP-2020) Examination**March/April-2026****BOT: Nursery and Gardening (Skill Enhancement Course)****Time: 1:00 Hours****Marks:25****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1(A) Describe in detail (Any One) (06)
1. Define a nursery and discuss any three plant propagation techniques commonly used in a nursery.
 2. Explain the procedure for transplanting seedlings. Discuss the cultivation practices (from sowing/planting to harvesting) for any one of the following: Tomato OR Brinjal.
- Que.1(B) Write a Short Note (Any One) (04)
1. Seed Viability and Factors affecting it.
 2. Cultivation of Cabbage.
- Que.2(A) Describe in detail (Any One) (06)
1. Define Gardening. Explain its objectives and scope. Describe in detail the different types of gardening.
 2. What is Air-layering? Describe its complete procedure step-by-step, including the selection of branch, treatment, and aftercare.
- Que.2(B) Write a Short Note (Any One) (04)
1. Importance and Principles of Home Gardening.
 2. Hardening of Plants and its significance.
- Que.3 Do as directed (Any Five) (05)
1. Define the term 'Direct Seeding'.
 2. List any two main objectives of a nursery.
 3. What is a Seed Bank?
 4. Give two examples of Rooting Medium used for planting cuttings.
 5. Name any two common pests of vegetable gardens.
 6. Differentiate between a Greenhouse and a Shade House in one point.
 7. What is the collecting season for semi-hardwood cuttings?
