

B.Sc. Semester - 5 (NEP-2020) Examination**Oct/Nov - 2025****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) Explain in detail the methods of seed storage, seed banks, and factors affecting seed viability.
 - (2) Give definition, objective and scope of Nurseries.
- (B) Write short notes on (Any one) : (04)
- (1) Storage and marketing procedures of nursery-grown vegetables.
 - (2) Planning and seasonal activities of a nursery with reference to direct seeding and transplanting.
- Que.2 (A) Describe in detail (Any one) : (06)
- (1) Describe in detail the process of air layering and planting of cuttings.
 - (2) Explain gardening operations such as soil laying, manuring, watering, pest and disease management, and harvesting.
- (B) Write short notes on (Any one) : (04)
- (1) Concept of Home gardening
 - (2) Commercial green house
- Que.3 Answer according to instructions (Any five): (05)
- (1) What is the function of a shade house?
 - (2) What is the purpose of hardening plants?
 - (3) Name any two types of gardening other than home gardening.
 - (4) Define plant propagation.
 - (5) Mention any two factors affecting seed viability.
 - (6) What is the main advantage of transplanting over direct seeding?
 - (7) Name any two plant propagation structures used in gardening.
