

# Bankura University

## B. Sc 4th Semester (Program) Examination, 2021

Subject: Botany

Course ID: 41310

Course Code: SPBOT /404/ SEC-2

Course Title: Nursery & Gardening

Full Marks: 40

Time: 2h

The figures in the margin indicate full marks

Answer all the questions.

### UNIT I

1. Answer *any five* questions from the following questions: ( 2X5=10)

- What is meant by transplanting?
- What is the difference between a park and a garden?
- What is landscape gardening?
- Define genetic erosion.
- What is seed bank?
- What do you mean by nursery plot?
- What is air-layering?
- Write the name of the factors to break dormancy.

### UNIT II

2. Answer *any four* of the following questions: (4×5 = 20)

- What are the objectives of building a plant nursery? What are the qualities of a good nursery? 2+3 = 5
- What should be the components of manure for indoor garden plants? Write the propagation methods of indoor plants. 2+3 = 5
- Write the scientific names of onion and garlic. How are these vegetables irrigated? 2+3
- What are green house and shed house? 3+2 = 5
- Discuss different types of gardening.
- Write brief notes on seed testing and seed certification. 2.5x2=5

### UNIT III

3. Answer *any one* question from the following questions: (10×1 = 10)

- Write about nutrient storage of seeds. What tests are done on seeds for certification? Write the process of hardening of a plant during its developmental stages? What is the role of mist chamber? (2+2+5+1 = 10)
- How cabbage propagation is done in nursery? Write procedure of land preparation for cabbage plantation. Name two varieties of cabbage. Write the storage procedure of carrots? (2+2+2+4 = 10)

