

Bankura University
B. Sc 4th Semester (Program) Examination, 2022
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

Answer any five questions from the following questions:

(2X5=10)

- a. What do you mean by seed dormancy?
- b. What is the most common method of pest control?
- c. What is home gardening?
- d. Define green house.
- e. What are the factors affecting seed viability?
- f. What do you mean by seed certification?
- g. What is a good rooting medium?
- h. Why do we need a seedbed?

UNIT II

2. Answer any four of the following questions:

(4×5 = 20)

- a. What is air-layering? What are the benefits of air-layering? 2+3
- b. What is the basic definition of seed? Mention its types. 2+3
- c. Write the scientific names of brinjal and cabbage. How are these vegetables irrigated? 2+3
- d. What is the difference between seed bed and nursery bed? 5
- e. What is transplanting? What is the purpose of transplanting? 2+3
- f. What is the importance of garden? 5

UNIT III

Answer any one question from the following questions:

(10×1 = 10)

- a. What do you mean by nurseries? How many types of nursery are present? What are the stages of seedling development?
(2+3+5 = 10)
- b. How tomatoes propagation is done in nursery? Write procedure of land preparation for tomato plantation. Name two varieties of tomato. Write the storage procedure of onion?
(2+2+2+4 = 10)