

REV-01
SVS/25/30

2023/06

BOTANY
SECOND SEMESTER
NURSERY MANAGEMENT AND GARDENING
SVS-206

SET
B

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Full Marks: 35

Time: 15 mins.

(Objective)

Marks: 10

Choose the correct answer from the following:

1×10=10

- Which of the following method is commonly practiced for root induction?
 - Cutting
 - Layering
 - Grafting
 - Budding
- The main purpose of the shade net house is:
 - Hardening plants
 - Plant propagation
 - Nursery raising
 - All of the above
- A common example of stem tuber is:
 - Ginger
 - Garlic
 - Onion
 - Potato
- Which is not a component of protected cultivation?
 - Drip irrigation
 - Shade net
 - Low tunnel
 - None of the above
- What is vegetable cultivation called?
 - Horticulture
 - Olericulture
 - Floriculture
 - Pomology
- Which are examples of rhizomes?
 - Lilies
 - Cannas
 - Ginger
 - All of the above
- All the following plants can be propagated by leaf cuttings except:
 - Begonia*
 - Hibiscus*
 - Bryophyllum*
 - Sansiveria*
- In which process seeds are scattered uniformly on the seed beds either mechanically or manually?
 - Dibbling
 - Drilling
 - Broadcasting
 - Traditional method
- A low branch with a node is bent down and covered with soil in:
 - Marcotting
 - Layering
 - Cutting
 - Budding

10. Which type of Green House is most suitable under Indian conditions?
- a. Gable roof type
 - b. Curved roof type
 - c. Both a and b
 - d. Multispan greenhouse

(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

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| 1. Write about objectives and scopes of nursery. | 2+3=5 |
| 2. What is vegetative propagation? Describe with suitable diagram artificial means of vegetative propagation. | 2+3+5=10 |
| 3. Write short notes on:
a) Hardening
b) Mist Chamber | 5×2=10 |
| 4. Define sowing of seeds. Describe different methods of sowing seeds and their benefits. | 2+8=10 |
| 5. What do you mean by pest management? Write note on IPM, its principles and its importance. | 1+3+4+2=10 |

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