

**2025/FYUG/ODD/SEM/
BOTSEC-201T/227**

FYUG Odd Semester Exam., 2025

BOTANY

(3rd Semester)

Course No. : BOTSEC-201T

(Horticulture)

Full Marks : 50

Pass Marks : 20

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

UNIT—I

Answer any three of the following questions :

1×3=3

- (a) What do you mean by floriculture?
- (b) Define olericulture.
- (c) Write one role in horticulture in rural economy.
- (d) Write one horticultural crop in Assam.

(Turn Over)

(2)

Answer any one of the following questions :

(a) Write a brief note on importance of horticulture in India.

(b) How does horticulture help in employment generation?

3. Answer any one of the following questions :

(a) Discuss on the different divisions of horticulture.

(b) What is landscaping? Write a detailed note on landscaping in horticulture. 1+4=5

UNIT—II

4. Answer any three of the following questions :

- Define annual plants.
- What are succulents?
- Why is grafting not possible in monocots?
- Write an example of ornamental cacti.

5. Answer any one of the following questions :

(a) What are medicinal and aromatic plants?

(b) Write two examples of orchids.

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(3)

Answer any one of the following questions : 5

(a) What is vegetative propagation? Write about various types of cuttings. 2+3=5

(b) Write short notes on the following : 2½+2½=5

- Bulbous ornamentals
- Air layering

UNIT—III

Answer any three of the following questions : 1×3=3

- Define pomology.
- Give an example of a drupe fruit.
- Write the scientific name of pineapples.
- Citrus fruits are rich in which vitamin?

6. Answer any one of the following questions : 2

- Write two economic importances of pineapples.
- Write a brief note on the distribution of rose plants.

(Turn Over)

(4)

9. Answer any one of the following questions :
- (a) Discuss the distribution and cultivation of orchids.
 - (b) Write briefly about classification of orchards and various steps involved in orchard management.

UNIT—IV

10. Answer any three of the following questions : 1×3=3
- (a) From which fruit is coir obtained?
 - (b) Write the botanical name of areca nut.
 - (c) What is sowing?
 - (d) Mention one fungal disease of tomato.

11. Answer any one of the following questions :
- (a) Write a brief note on quarantine method of plant disease control.
 - (b) Write a brief note on cultivation practices of coconut.

12. Answer any one of the following questions :
- (a) Describe the origin, distribution and uses of areca nut.
 - (b) Discuss the major diseases of brinjal and their control measures.

(5)

UNIT—V

13. Answer any three of the following questions : 1×3=3
- (a) Write the full form of ICAR.
 - (b) Name one method of storage of fruits and vegetables.
 - (c) Define sustainable agriculture.
 - (d) What is entrepreneurship in horticulture?

14. Answer any one of the following questions : 2
- (a) Mention two objectives of Krishi Vigyan Kendra.
 - (b) Describe in brief the process of marketing fruits.

15. Answer any one of the following questions : 5
- (a) Write a short note on the role of agro-horticultural societies in horticultural development.
 - (b) Discuss packing and storage methods of fruits in detail.

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