

2024/FYUG/ODD/SEM/  
BOTSEC-201T/080

FYUG Odd Semester Exam., 2024

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**

1. Answer any *three* from the following :  $1 \times 3 = 3$ 
  - (a) What is horticulture?
  - (b) Define floriculture.
  - (c) What is landscaping?
  - (d) Give one example of floricultural crop.
2. Write the brief scope of horticulture in India. 2

**OR**

3. Name various divisions of horticulture.

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( Turn Over )

( 2 )

4. Mention the importance of horticulture in India. Write the role of various divisions of horticulture. 3+2=5

OR

5. Write a brief note on the export of horticultural crops in India. 5

**UNIT—II**

6. Answer any *three* from the following : 1×3=3  
(a) What is cutting?  
(b) Define perennials with one example.  
(c) What are the two parts used in grafting process?  
(d) Give examples of one medicinal and one aromatic plant.

7. What is succulent? Give one example. 2

OR

8. Give two examples of propagation of crop plants by roots.
9. What is grafting and how is it done in horticultural crops? What do you mean by annual, biennials and perennials? 3+2=5

OR

10. Write a note on micropropagation of orchids. Define layering and its types. 3+2=5

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**UNIT—III**

11. Answer any *three* from the following : 1×3=3

- (a) What is orchard?  
(b) Define pomology.  
(c) Write the scientific name of banana.  
(d) What are asters?

12. Write examples of two asters. 2

OR

13. Name two species of orchids.

14. Write a brief account on cultivation of banana and citrus. 5

OR

15. What is orchard management and why is it important in horticulture? Write a brief process of cultivation of pineapples. 3+2=5

**UNIT—IV**

16. Answer any *three* from the following : 1×3=3

- (a) Write the scientific name of coconut.  
(b) Name the family to which brinjal belongs.  
(c) What is manuring?  
(d) Write the scientific name of coriander.

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17. Write the uses of coconut. 2

OR

18. Write the uses of arecanut.

19. Describe the origin, history and cultivation processes of coconut. Write two efficient methods of disease control of cultivated crops. 4+1=5

OR

20. Describe the process of commercial cultivation of brinjal and tomato. What is green manuring? 4+1=5

UNIT—V

21. Answer any three from the following : 1×3=3

(a) Give two examples of local fruits of Assam.

(b) What is entrepreneurship?

(c) What is KVK?

(d) Define grading.

22. How can you store fruits for commercial purposes? 2

OR

23. Write the role of Krishi Vigyan Kendra.

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24. Write an account on sustainable production of local fruits and mention the scope for entrepreneurship of food processing and marketing of local fruits. 3+2=5

OR

25. Discuss the role of KVK in promoting the scope of horticultural crops. Give a brief account on packing of fruits. 3+2=5

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