

**2024/FYUG/ODD/SEM/  
BOTIDC-101T/076**

**FYUG Odd Semester Exam., 2024**

**BOTANY  
( 1st Semester )**

**Course No. : BOTIDC-101T**

**( Gardening and Nursery Management )**

**Full Marks : 70**

**Pass Marks : 28**

**Time : 3 hours**

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

**UNIT—I**

1. Answer any *four* from the following : **1×4=4**
- (a) Define gardening.
  - (b) What is garden adornment?
  - (c) What is disease control?
  - (d) Name two components of soil.
  - (e) What is pruning?

2. Point out various routine garden operations. **2**

**OR**

3. Write a note on garden types. **2**

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**( Turn Over )**



4. Give an illustrated account on scope of gardening in India. 8

OR

5. Write about general features of gardening. 8

**UNIT—II**

6. Answer any four from the following : 1×4=4

- (a) Define home gardening.
- (b) What is terrace garden?
- (c) Define botanical garden.
- (d) What is soil layering?
- (e) Define weeds.

7. Write a note on landscape. 2

OR

8. Write a brief note on kitchen garden. 2

9. Describe the different types of gardening. 8

OR

10. Give an account of gardening operations and management practices. 8

**UNIT—III**

11. Answer any four from the following : 1×4=4

- (a) What is Lathhouse?
- (b) Mention two advantages of polyhouse.
- (c) What is greenhouse?
- (d) Define hot bed.
- (e) State the function of humidifier.

12. Write about shed house. 2

OR

13. Write a note on polyhouse. 2

14. Give a detailed account on greenhouse technology. 8

OR

15. Write notes on : 4+4=8

- (a) Glasshouse
- (b) Net house

**UNIT—IV**

16. Answer any four from the following : 1×4=4

- (a) Define cutting.
- (b) Name a rooting hormone.
- (c) Define seed dormancy.
- (d) What is layering?
- (e) Define epiphytes.

17. What are hydrophytes? 2

OR

18. Give a short account of budding. 2

19. Give a detailed account of grafting. Point out some advantages of grafting. 6+2=8

( 4 )

OR

4+4=8

20. Write notes on :

- (a) Seed structure
- (b) Seed dormancy

**UNIT—V**

21. Answer any four from the following :

1×4=4

- (a) Define foliage plants.
- (b) Write a note on pot plants.
- (c) Name one ornamental foliage plant.
- (d) Name one ornamental climber.
- (e) Name one ornamental annual plant.

22. Write a note on bonsai.

2

OR

23. Write about indoor gardening.

2

24. Write two plant names of the following categories :

8

- (a) Bulbous plants
- (b) Ornamental ferns
- (c) Pot plants
- (d) Ornamental trees

OR

25. Write notes on :

4+4=8

- (a) Hanging baskets
- (b) Vertical gardens

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