



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY & PLANT BIO-TECH.**

**FIRST SEMESTER – NOVEMBER 2013**

**PB 1507/1504 - PRINCIPLES OF HORTICULTURE**

Date : 14/11/2013  
Time : 1:00 - 4:00

Dept. No.

Max. : 100 Marks

**PART – A**

ANSWER THE FOLLOWING, EACH WITHIN 50 WORDS ONLY:

[10 x 2 = 20]

1. What is olericulture?
2. Define hydroponics?
3. What is mist chamber?
4. Mention the importance of vermicompost.
5. What is Bonsai?
6. Distinguish between arches & pergolas.
7. What is mulching?
8. Define topiary.
9. Give any four examples for cut flowers.
10. What is a vase?

**PART – B**

ANSWER THE FOLLOWING, EACH ANSWER WITHIN 500 WORDS,  
DRAW DIAGRAMS WHEREVER NECESSARY:

[5 x 7 = 35]

11. a) Write an account on garden implements.  
(OR)  
b) Give an account on any two famous gardens in India.
12. a) Describe the structure of a nursery.  
(OR)  
b) Give an account on organic farming and its importance.
13. a) Describe setting up of terrace gardening.  
(OR)  
b) Briefly explain carpet & flower bed.
14. a) Write an account on any two important garden operations.  
(OR)  
b) Describe the importance of floral ornaments.
15. a) Discuss the arrangements of Ikebana.  
(OR)  
b) Explain the various ways to increase the vase life of cut flowers.

**PART – C**

ANSWER ANY **THREE** OF THE FOLLOWING, EACH WITHIN 1200 WORDS, DRAW  
DIAGRAMS WHEREVER NECESSARY: (3 x 15 = 45)

16. Give an account on classification of pomology.
17. Describe the various types of vegetative propagation.
18. Explain the different types of garden adornments.
19. Write an account on flower arrangements
20. Describe the cultural practices for rose and jasmine.

**\$\$\$\$\$\$**