

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



**B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY**

**FIFTH SEMESTER – APRIL 2016**

**PB 5524/5517/5511/5503 – ETHNOBOTANY & HERBAL SCIENCES**

Date: 03-05-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART – A**

**ANSWER THE FOLLOWING, EACH WITHIN 50 WORDS ONLY**

**(10x2= 20)**

1. Write about National Institute of Siddha, Chennai.
2. Expand CARI.
3. Write about the distribution of Irulas in Tamil Nadu.
4. Mention any 2 medicinal plants used by Todas to cure skin diseases.
5. What is an unorganized drug? Give examples.
6. Write any two adulterants of *Piper nigrum*.
7. Comment on Andrographolide.
8. What are Vincristine and Vinblastine?
9. List out any 4 herbs used in herbal bath preparation.
10. *Quercus infectoria* – Comment.

**PART – B**

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

**(5x7= 35)**

11. a) Bring about the history and notion of Ethnobotanical study in India.

(OR)

- b) List out the role of NMPB in Research and Health care system of India.

12. a) Enumerate the schemes of State Forest Department for the development of tribal community of Tamil Nadu.

(OR)

- b) What are the methods adapted by the Tribal People for the cultivation of herbals?

13. a) List out the microscopic evaluation of crude drugs used for medicine preparation.

(OR)

- b) Write an elaborate note on individual drug therapy used by the siddha system of medicine.

14. a) Explain about the export of Aromatic plants of India.

(OR)

- b) What is dry ginger? Give any 2 herbal preparations which contain it.

15. a) Describe the method of preparation of any 2 herbal oils known to you and write about their uses.

(OR)

- b) Write short notes on:

i) *Ferula asafoetida*

ii) *Commiphora mukul*.

**PART – C**

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

16. Expand AYUSH and what are the important differences between each system of medicine.
17. Write about the Paliyar tribes and their knowledge on disease diagnosis and treatment of various diseases.
18. Explain in detail the pharmacological classification of crude drugs used for the preparation of herbal medicine.
19. *Curcuma longa* - A wonderful drug from time immemorial – Explain.
20. What are glycosides? Give a detailed account on source, classification and therapeutic values of any three types by giving suitable examples.