



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

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

**FIFTH SEMESTER – NOVEMBER 2015**

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

Date : 11/11/2015

Dept. No.

Max. : 100 Marks

Time : 09:00-12:00

**PART – A**

Answer the following, each within 50 words only:

(10 x 2 = 20 marks)

1. Mention the scope of Ethnobotany.
2. What is a crude drug?
3. Who are Paliyars?
4. What is Garbling?
5. Write notes on Physical evaluation of drugs.
6. Name any two active ingredients of Neem.
7. What is an antiseptic?
8. Mention the uses of Aloe.
9. Write about Volatile oils.
10. What are Salves?

**PART – B**

Answer the following, each within 500 words. Draw diagrams wherever necessary:

(5 x 7 = 35 marks)

11. a) Explain the importance of herbarium and museum in herbal medicine research.  
(OR)  
b) Write Critical notes on AYUSH.
12. a) Discuss the ethnobotanical study of Irulas.  
(OR)  
b) Explain the various Schemes of State forest department for tribal development.
13. a) Describe the microscopic method of drug evaluation.  
(OR)  
b) Write an account on the export potential of herbal drugs.
14. a) Explain the organoleptic characters of *Ocimum sanctum*.  
(OR)  
b) Write an account on Intellectual Property Rights.
15. a) Write notes on Herbal bath.  
(OR)  
b) Describe the procedure for the preparation of capsules.

**PART – C**

Answer any **THREE** of the following, each within 1200 words.

(3 x15 = 45 marks)

Draw diagrams wherever necessary.

16. Write an essay on the Indian systems of medicine.
17. Enumerate the tribal knowledge towards disease diagnosis, treatment, medicinal plants and cultivation.
18. Explain in detail about drug adulteration.
19. Discuss the medicinal properties and extraction of phytochemical compounds from *Emblica officinalis* and *Ricinus communis*.
20. Describe the occurrence, isolation and therapeutic effects of glycosides and tannins.

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