



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

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

**FIFTH SEMESTER – APRIL 2017**

**PB 5524 / PB 5517- ETHNOBOTANY & HERBAL SCIENCES / HERBAL AND ETHANOBOTANY**

Date: 29-04-2017  
01:00-04:00

Dept. No.

Max. : 100 Marks

**PART – A**

*Answer the following, each within 50 words.*

**(10 x 2 = 20marks)**

1. What is AYUSH?
2. What are the scopes of ethnobotany?
3. Who are Irulas?
4. What are sacred groves?
5. What is organoleptic evaluation?
6. What is drug adulteration?
7. Name any two medicinal properties of *Acorus*.
8. Explain IPR.
9. What is herbal bath?
10. What are salves?

**PART – B**

*Answer the following, each within 500 words. Draw diagrams and flow charts wherever necessary.*  
**(5 x 7 = 35 marks)**

- 11.a. Write about the importance of herbaria and literature in ethnobotany.  
[OR]
- b. Write notes on : a) NMPB      b) CIMAP
- 12.a. Summarise the contributions and lifestyle of Todas.  
[OR]
- b. Describe the importance of tribal knowledge in medicinal plants and their conversation.
- 13.a. Give a brief history of pharmacognosy.  
[OR]
- b. Briefly classify the herbal plants.
- 14.a. Give a brief note on organoleptic study of *Andrographis*.  
[OR]
- b. Describe the medicinal properties of turmeric.
- 15.a. Write an account on hydrotherapy.  
[OR]
- b. How tincture and poultices are prepared?

## PART – C

*Answer any three of the following, each within 1200 words. Draw diagrams and flow charts wherever necessary.* (3 x 15 = 45 marks)

16. Write an essay on the traditional system of medicine practiced in India.
17. Describe the tribal economy and their knowledge in disease diagnosis and treatment.
18. Write an essay on the commercial preparation of drugs and their evaluation.
19. Describe the medicinal properties of any five herbal plants.
20. Describe the therapeutic effects of alkaloids, terpenoids, tannins and resins.

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