



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FIFTH SEMESTER – NOVEMBER 2014

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

Date : 07/11/2014
Time : 09:00-12:00

Dept. No.

Max. : 100 Marks

PART – A

ANSWER THE FOLLOWING, EACH WITHIN 50 WORDS ONLY:

(10 x 2 = 20 marks)

01. Define Ethnobotany.
02. Expand AYUSH.
03. What is *Materia Medica*?
04. Who are Paliyars?
05. What is aromatherapy?
06. What are crude drugs?
07. Comment on Intellectual property Rights.
08. Mention the uses of *Emblica officinalis*.
09. Write about Caffeine.
10. What is Poultice?

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 & museum in herbal medicine.
(OR)
b) Write notes on:
(i) Scope of Ethnobotany
(ii) CIMAP
12. a) Explain the ethnobotanical study of Todas.
(OR)
b) Write an account on tribal economy and governments efforts in tribal welfare.
13. a) Give an account on the history of Pharmacognosy.
(OR)
b) Write an account on drug adulteration.
14. a) Describe the organoleptic characters of *Coriandrum sativum*.
(OR)
b) Give the medicinal properties of *Aloe* and *Ocimum*.
15. a) Write critical notes on Hydrotherapy.
(OR)
b) Explain the occurrence, isolation, identification tests and therapeutic effects of Glycosides.

PART – C

ANSWER ANY THREE OF THE FOLLOWING, EACH WITHIN 1200 WORDS.

DRAW DIAGRAMS WHEREVER NECESSARY:

(3 x 15 = 45 marks)

16. Write an account on Indian systems of medicine.
17. Explain the importance of tribal knowledge in medicinal plants, plant conservation and cultivation.
18. Describe the microscopic and physical methods of drug evaluation.
19. Summarize the medicinal properties and extraction of Phytochemicals from *Phyllanthus amarus* and *Azadirachta indica*.
20. Describe the procedure for preparing Capsules, Tinctures and Salves.

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