

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



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

FIFTH SEMESTER – NOVEMBER 2019

PB 5524 – ETHNOBOTANY & HERBAL SCIENCES

Date: 04-11-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART A

Answer the following, each within 50 words.

(10 x 2 = 20 marks)

1. Who was the first Pharmacist?
2. Expand the terms AYUSH and CIMAP.
3. Who is the father of Medicine?
4. What is Tridosha Principle?
5. Distinguish between active and inert constituents.
6. Define Drug adulteration?
7. Write the scientific names of Ginger and Turmeric.
8. Mention the scientific name and major chemical constituent of Basil plant.
9. What is called Hydrotherapy?
10. Write a note on Elixir.

PART B

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

(5X7=35 marks)

- 11(a). Give a brief account on methodologies of Ethnobotanical research.
Or
(b). Discuss briefly the Unani system of Medicine.
- 12(a). Write any five schemes of State Forest Department for Tribal development.
Or
(b) Describe the Life style of the tribe Irulas.
- 13(a). Write elaborately on any two classification of drugs.
Or
(b). Write short notes on Individual drugs.
- 14(a). Write the scientific name, family, biological source and uses of Neem and Gooseberry.
Or
(b) Write the Organoleptic characters, common name and uses of *Andrographis paniculata* and *Vinca rosea*.
- 15(a). Write any two preparatory procedures for Herbal Tea.
Or
(b). Write notes on : a. Poulitice b. Glycerites

PART C

Answer any three of the following, each within 1200 words. Draw diagrams wherever necessary.

(3X15=45 marks)

16. Write an essay on Siddha system of Medicine.
17. Discuss the tribal knowledge towards plants conservation and cultivation.
18. Write an essay on the preparation of drugs for commercial market.
19. Give detailed account on Intellectual Property Rights (IPR).
20. Give an outline of occurrence, isolation, identification tests and therapeutic effects of volatile oils.

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