

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



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

FIFTH SEMESTER – APRIL 2022

16/17/18UPB6MC02 / UPB 5504 – HERBAL SCIENCES AND ETHNOBOTANY

Date: 17-06-2022

Dept. No.

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

PART – A

(10x2=20 Marks)

Answer the following, each within 50 words only

1. What is Pharmacognosy?
2. What is called a crude drug? Give an example.
3. Write the scientific names of Turmeric and basil.
4. Define poultice.
5. What is elixir?
6. Define adulteration.
7. Write the major chemical constituents of *Eclipta alba*.
8. Expand the terms AYUSH and CIMAP.
9. Write any two medicinal plants and their uses?
10. Who are Paliyars?

PART – B

(5X7=35 Marks)

Answer the following, each within 500 words; Draw diagrams and flow charts wherever Necessary

11(a). Discuss the classification of medicinal plants.

(Or)

(b) Write notes on Individual drugs.

12(a). Write the scientific names, useful parts and uses of *Vinca rosea* and *Zingiber officinale*.

(Or)

(b) Describe the macroscopic and microscopic characters of Goose berry.

13(a). Write the preparatory procedure of Herbal glycerites.

(Or)

(b). Give the procedure for salves and herbal oil preparations and their uses.

14(a). Discuss the Siddha system of medicine.

(Or)

(b) Provide a brief ethnographic note on Todas.

15(a). Discuss the different schemes of forest department towards tribal welfare.

(Or)

(b). Give a brief account on the export potential of medicinal herbs.

PART – C

(3X15=45 Marks)

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

16. Give a detailed account on the preparation and storage methods of plant drugs for commercial market.
17. Discuss elaborately about drug adulteration.
18. Write the preparatory procedures for any three types of herbal bath and its uses.
19. Give a detailed account of the methodologies of ethnobotanical research.
20. Discuss the Intellectual Property Rights in relation to traditional medicine.

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