



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SIXTH SEMESTER – APRIL 2023

16/17/18UPB6MC02 – HERBAL SCIENCES AND ETHNOBOTANY

Date: 03-05-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART A

Answer the following, each within 50 words only

(10x2=20 marks)

1. What is Ethnobotany?
2. What is crude drug?
3. Write the scientific names of Ginger and Gooseberry.
4. Define salves.
5. What is herbal bath?
6. Define adulteration.
7. Write the major chemical constituents of Neem tree.
8. Expand the terms NMPB and CIMAP.
9. Write any two medicinal plants and their uses?
10. Who is the Father of Siddha System of medicine?

PART B

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

(5x7=35 marks)

11. (a). Discuss the morphological evaluation of drugs.
Or
(b) Give a brief account on classification of drugs.
12. (a) Write the scientific names, useful parts and uses of Turmeric and Coriander.
Or
(b) Describe the macroscopic and uses of *Aloe vera*.
13. (a) Write the preparatory procedure for any two herbal oils.
Or
(b) Give the preparatory procedures for herbal glycerites and herbal capsule and their uses.
14. (a) Write an essay on Ayurvedha system of medicine.
Or
(b) Provide a brief ethnographic note on Irulas.
15. (a) Discuss the different schemes of forest department towards tribal welfare.
Or
(b) Give a brief account on the export potential and uses of any two medicinal herbs.

PART C

Answer any three of the following, each within 1200 words. Draw diagrams and flow charts wherever necessary. (3x15=45 marks)

16. Give a detailed account on the preparation and storage methods of plant drugs for commercial market.
17. Discuss the different methods of drug adulteration.
18. Write the preparatory procedures for any three types of herbal bath and its uses.
19. Give a detailed account Siddha and Unani system of medicine.
20. Discuss the life style of Paliyars and Todas.

\$\$\$\$\$\$