

FACULTY OF PHARMACY

B. Pharmacy IV-Semester (PCI) (Backlog) Examination, April 2024

Subject: Pharmacognosy and Phytochemistry-I

Time: 3 Hours

Max.Marks:75

PART - A

Note: Answer all the questions.

(10 x 2 = 20 Marks)

1. Define and classify resins with examples.
2. Write source and active constituents of any two dried extracts.
3. What are organoleptic characters? Write description of acacia.
4. Enlist ash values of significance in the evaluation of crude drugs.
5. Write physiological effects of auxins.
6. What is calibration?
7. Write the basic concept of Chinese systems of medicine.
8. Write the procedure and use of shinoda test and borntrager's test.
9. Write the source and uses of beeswax and jute.
10. Exemplify fibers. Write features and tests for plant fibers.

PART - B

Note: Answer any two questions.

(2 x 10 = 20 Marks)

11. Discuss about various methods of classification of crude drugs.
12. Write about (i) Extraction methods for fixed oils
(ii) Alkaloids
13. Write about advantages & disadvantages of cultivation of medicinal plants.

PART - C

Note: Answer any seven questions.

(7 x 5 = 35 Marks)

14. Write in detail about leaf constants.
15. Discuss factors affecting cultivation of medicinal plants.
16. Write pharmacognosy of Gelatin.
17. Write about edible vaccines.
18. Write a note on plant allergens.
19. Write biological source, active constituents of chalmogra oil and agar.
20. Define glycosides and classify with examples.
21. Write about plant hormones & their applications.
22. Write the role and importance of pharmacognosy in Ayurveda system of medicine.
