

**Third B. Pharm (Ayurveda) Degree Regular/Supplementary Examinations
March 2025**

Pharmacognosy II

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers.*

Essays:

(2x10=20)

1. Explain Glycoside, its classification and write the pharmacognosy of Digitalis.
2. Discuss on biological source, preparation, identification tests and uses of various natural enzymes

Short notes:

(10x5=50)

3. Asava and Arishta
4. Source, constituents and uses of Ergot
5. Cultivation and collection of Dioscorea
6. Microscopy of Datura leaf
7. Holistic concepts of drug administration in Ayurveda
8. Chemical test for tropane alkaloids and cardiac glycosides
9. Pharmacology of Apamarga and Bhilwa
10. Applications of HPTLC
11. Adulterants of Senna and, Catharanthus
12. Macroscopy of Cinchona

Answer briefly:

(10x3=30)

13. Gutikas
14. Saponin glycosides
15. Chief constituents of punarnava and neem
16. Plant bitters.
17. Discuss on any two indole alkaloid containing drugs
18. Importance of column chromatography in relation to natural drugs
19. Tea and coca.
20. Constituents and uses of Rhubarb and Thevetia
21. Biological sources and families of Physostigma, Veratrum and Solanum
22. Marketed formulations of Rasna, Adusa and Arjuna