

2010 Scheme

QP CODE: 403006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations April 2025 Pharmacognosy – III

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*
- *Draw Diagrams wherever necessary*

Essays

(3x10=30)

1. Describe the role of medicinal and aromatic plants in the national economy.
2. Explain WHO guidelines for the evaluation of drugs.
3. Discuss the chemistry and biogenesis of lignans and flavonoids.

Short notes

(14x5=70)

4. Describe totipotency.
5. Describe the chemistry and pharmacological activities of diterpenes and triterpenoids.
6. Explain the in situ methods of conservation of biodiversity.
7. Discuss the chemical and spectral approaches of simple natural compound.
8. Write a note on worldwide trading of tropane alkaloid-containing plants.
9. Write a brief note on excipients used in the formulation of herbal cosmetics.
10. Write a note on the works of Indian industries and institutions on aromatic plants.
11. Explain the chemistry and biosynthesis of ephedrine.
12. Write a note on spirulina and garlic.
13. Describe the various methods of adulteration of crude drugs.
14. Describe the method of gene transfer in plants.
15. Explain the chemistry and biosynthesis of Diosgenin.
16. Write a brief note on development and evaluation of herbal formulations.
17. Write the biological source, chemical constituents, and uses of any two plants used in the preparation of cosmetics.
