

2010 Scheme

QP CODE: 403006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations November 2024 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. What are glycosides. Describe the chemistry and biogenesis of digitoxin.
2. Write a note on the works of Indian industries and institutions on medicinal and aromatic plants.
3. Describe the different types of plant tissue culture and what are the applications of plant tissue culture in pharmacognosy.

Short notes

(14x5=70)

4. Write a note on herbal cosmetics for hair care.
5. Explain the biosynthesis of morphine.
6. Explain about worldwide trading of Taxol and Aloe.
7. Define adulteration and describe different methods of adulteration.
8. Explain the chemistry of quassinoids and flavonoids.
9. Write a note on spectral approaches for simple molecules of natural origin.
10. Describe the conservation of biodiversity.
11. Write a note on herbaceous health food used in cardiovascular diseases.
12. Explain the concept of stereoisomerism for natural products.
13. Describe the chemistry and pharmacological activities of monoterpenes and sesquiterpenes.
14. Explain WHO guidelines for the determination of volatile oil.
15. Explain about gene mapping of plants.
16. Explain the chemistry and pharmacological activities of reserpine and ergot.
17. Write a note on the development of conventional herbal formulations.
