

2010 Scheme

QP CODE: 403006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations May 2023

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. Discuss the chemistry and biogenesis of atropine and quinine.
2. Describe in detail chemical approaches to simple molecules of natural origin with suitable examples.
3. Give an account on plant based industries involved in work on medicinal and aromatic plants in India

Short notes

(14x5=70)

4. Chemistry and pharmacological activities of diterpenes
5. Short note on world-wide trade in medicinal plants with special reference to *Dioscorea*
6. Adulteration of crude drugs with suitable examples
7. In situ conservation of biodiversity
8. Write a note on gene transfer
9. Biogenesis of *Vinca*
10. Endemic species of India
11. Chemistry of quassinoids
12. Describe pharmacological activities of morphine
13. Describe biosynthesis of sarasapogenin
14. Discuss the chemistry and pharmacological activities of Ergot
15. Plant tissue culture, growth and their maintenance
16. Biogenesis of Papavarine and Ephedrine
17. Evaluation of herbal formulations in view of herbal drug technology
