

2010 Scheme

QP CODE: 403006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations April 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. Define drug evaluation. Write a note on microscopical and chemical methods of evaluation of crude drugs.
2. What is biodiversity and describe about different threats to it. Explain different methods of conservation of biodiversity with a special note on in situ and germplasm methods.
3. Write a note on herbal drug technology and the processes of development and evaluation of herbal formulations.

Short notes

(14x5=70)

4. Explain the biosynthesis of quinine
5. Explain the concept of stereoisomerism giving examples of natural drugs.
6. Write about the chemistry and biosynthesis of triterpenoids.
7. Write a note on herbal excipients used in the formulation of herbal cosmetics.
8. Describe the methods of DNA fingerprinting of plants.
9. Explain the chemistry and biosynthesis of sennosides.
10. Explain WHO guidelines for the determination of haemolytic activity.
11. Write a note on the works of Indian industries and institutions on medicinal plants.
12. Explain the chemistry and pharmacological activities of atropine and vinca.
13. Explain the chemistry and biosynthesis of flavonoids.
14. Explain the spectral approaches for the analysis of natural chemical compounds.
15. Explain about world wide trade of ginseng.
16. Explain the nutritional significance of herbs.
17. Describe the nutritional requirements for plant tissue culture.
