

2012 scheme

QP CODE: 413006

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. Discuss the chemistry, biogenesis and pharmacological action of Quinine
2. Elaborate on various types and nutritional requirements of plant tissue culture techniques
3. Elaborate on various spectral methods to establish the structures of phytometabolites

Short notes

(14x5=70)

4. Transgenic plants and their applications in Pharmacognosy
5. Describe the physical methods of evaluation of crude drugs
6. Need and methods to conserve medicinal plants
7. Steps involved in DNA finger printing technique
8. Herbal drug industries in India
9. Chemistry and Pharmacological activity of Ephedrine
10. Patenting of drugs of herbal origin
11. Any two drugs used in herbal cosmetics with their source and chemical constituents
12. Biogenesis of a known triterpenoid compound
13. Methods of adulteration of crude drugs
14. Methods and applications of gene transfer in plants
15. Classify herbal formulations
16. Chemistry of Flavonoids
17. Trade aspects of Cinchona
