

2012 scheme

QP CODE: 413006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations

December 2022

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 is the source of Digoxin and how is it biosynthesized in plants. Briefly discuss its chemistry.
2. Define Flavonoids. Discuss the chemistry and biogenesis of flavonoids of medicinal importance.
3. Give the source, chemical constituents and uses of ANY TEN herbs uses in cosmetics.

Short notes

(14x5=70)

4. Process of patenting of herbal drugs
5. Standards for herbal formulations
6. Herbal drug technology
7. Gene mapping of plants
8. Definition and types of plant tissue culture
9. Threats to biodiversity
10. Germ plasm conservation
11. World-wide trade data of ANY TWO saponin containing drugs
12. Biogenesis of a lignan compound
13. Chemistry and pharmacological activity of Quinine
14. Chemistry of Sennosides
15. Application of IR spectroscopy for the analysis of phyto-molecules
16. Differentiate between diterpenes and triterpenoids
17. Chemistry of Ergot alkaloids
