

2010 Scheme

Q P CODE: 306006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations September 2024 Pharmacognosy II

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 table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Discuss the biological source, morphology, microscopy, chemical constituents, and uses of digitalis.
2. Explain Acetate Mevalonate pathway.
3. Explain in detail the different methods of extraction of herbal drugs

Short notes

(14x5=70)

4. Shikimic acid pathway
5. Classify plant allergens with suitable examples
6. Morphology of liquorice and quassia
7. Discuss the principle of Siddha System of Medicine.
8. Describe the microscopy of senna.
9. Differentiate TLC/HPTLC
10. Write the general chemical tests for alkaloids.
11. Collagen
12. Note on purine alkaloids
13. Describe the biological source, chemical constituents, uses of ergot and rauwolfia.
14. Source, method of preparation and uses of Bromelain.
15. Describe briefly about chemotaxonomy of medicinal plants.
16. Write the biological source, pharmacological uses and marketed formulations of arjuna and brahmi.
17. Write a note on any two medicinal agents from marine source.
