

2010 Scheme

Q P CODE: 306006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations August 2023

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, chemical constituents, cultivation and uses of ergot.
2. Explain in detail about different methods of extraction of herbal drugs.
3. Describe the principle of Ayurveda. Explain the method of preparation of gutika and bhasma.

Short notes

(14x5=70)

4. Write the vernacular name, biological source, chemical constituents and uses of kantakari and arjuna.
5. Explain biogenesis of secondary metabolites by shikimic acid pathway.
6. Explain the principle and application of paper chromatography.
7. Spirulina.
8. Describe the microscopy of liquorice.
9. Write a note on any two medicinal agents from marine source.
10. Chemical tests of aloes.
11. Morphology of quassia and ephedra.
12. Difference between HPLC and HPTLC.
13. Describe the source, chemical constituents and uses of neem.
14. Source, method of preparation and uses of papain.
15. Describe briefly about chemotaxonomy of medicinal plants.
16. Write the biological source, pharmacological uses and marketed formulations of punarnava and gymnema.
17. Squill.
