

# **2012 Scheme**

**QP CODE: 316006**

**Reg. No: .....**

## **Third Year B.Pharm Degree Supplementary Examinations March 2025 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. Give a detailed account of Gas chromatography and give its application in evaluation of herbal drugs. Add a note on derivatisation.
2. Explain the cultivation, collection and processing of Liquorice. Add a note on its chemical constituents and specific identification test.
3. Discuss Senna under suitable pharmacognostic scheme.

**Short notes**

**(14x5=70)**

4. Source, chemical constituents and uses of Saffron and Quassia.
5. Source, chemical constituents, uses and marketed formulations of Guggul.
6. Define and give the preparation of Lehyas with examples.
7. Source, constituents and macroscopy of Vinca.
8. Discuss Shikimic acid pathway leading to the biosynthesis of secondary metabolites.
9. Discuss various extraction techniques.
10. Chemotaxonomy of medicinal plants.
11. Physical methods of evaluation of crude drugs.
12. Classification of allergenic extracts.
13. Source, preparation and uses of Diastase.
14. Source, preparation and uses of Spirulina.
15. Write notes on glycoalkaloid.
16. Source, constituents and uses of Lahsun and Methi.
17. Write a note on Alkaloidal amines.

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