

# **2012 Scheme**

**QP CODE: 316006**

**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 Liquorice under suitable pharmacognostic scheme.
2. Explain the life cycle of Ergot. Add a note on its chemical constituents, uses and adulterants.
3. Discuss paper and thin layer chromatography and give their application in pharmacognosy.

**Short notes**

**(14x5=70)**

4. Morphology and microscopy of Thevetia
5. Source, chemical constituents, uses and marketed formulations of Brahmi
6. Distinguish between Arista and Asava
7. Source, macroscopy, adulterants and uses of Belladonna
8. Biosynthesis of monoterpenoids with suitable example
9. Maceration and Percolation
10. Write notes on chemotaxonomy
11. Antimicrobial agents from marine source
12. Preparation and testing of allergenic extracts
13. Source, preparation and uses of Bromelains
14. Preparation of different types of Gelatin
15. Tropane alkaloids
16. Source, constituents and uses of Amla and Rasna
17. Source with its constituents and specific test for Dioscorea

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