

# 2012 Scheme

QP CODE: 316006

Reg. No: .....

## Third Year B.Pharm Degree Supplementary Examinations December 2022 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. Explain the cultivation and collection of Opium. Add a note on its constituents and uses.
2. Discuss Digitalis under suitable pharmacognostic scheme.
3. Define chromatography give a detailed account of HPTLC and give its application in evaluation of herbal drugs.

### Short notes

(14x5=70)

4. Morphology and microscopy of Senna
5. Source, chemical constituents, uses and marketed formulations of Shilajit
6. Define and give the preparation of Bhasmas with examples
7. Source, macroscopy, adulterants and uses of Rauwolfia
8. Discuss Shikimic acid pathway leading to the biosynthesis of secondary metabolites
9. Continuous hot extraction and Super critical fluid extraction
10. Source, chemical constituents and uses of tylophora and punarnava
11. Cardiovascular drugs from marine source
12. Write a note on purines
13. Source, preparation and uses of Papain
14. Source and preparation of Collagen
15. Write notes on cinchona
16. Source, constituents and uses of Gokhru and Shankpushpi
17. Source with its constituents and specific test for Cascara

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