

# **2010 Scheme**

**Q P CODE: 306006**

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

## **Third Year B.Pharm Degree Supplementary Examinations August 2021 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*

**Essays**

**(3x10=30)**

1. Explain different techniques adopted in extraction of phytoconstituents.
2. Define chemotaxonomy. Explain various parameters to be considered in chemotaxonomical classification of crude drugs.
3. Discuss the biological source, uses, macroscopical and microscopical characters of rauwolfia.

**Short notes**

**(14x5=70)**

4. Biological source and preparation of maltase.
5. Applications and advantages of gas chromatography.
6. Macroscopical characters of Bhilwa and Arjuna.
7. Source and chemical constituents of liquorice and dioscorea.
8. Source, constituents, uses and chemical tests of senna.
9. Principle and applications of column chromatography.
10. Pharmacognostical characters of kurchi bark.
11. Source and chemical nature of any two antibiotics from marine source.
12. Morphology of cascara bark.
13. Vernacular names, botanical source and marketed formulations of Chirata and Brahmi.
14. Tailas.
15. Principle of Homeopathy.
16. Chemical tests of cardiac sterols.
17. Biological source, constituents and uses of ergot.

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