2010 Scheme

Q P CODE: 306006   Reg. No: ……………………..

Third Year B.Pharm Degree Supplementary Examinations May 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. Define glycoside and describe biological source, diagnostic characters, chemical constituents, uses, chemical tests and adulterants of cascara.

2. Explain different chromatographic methods and their application in evaluation of herbal drugs.

3. Describe about plant allergens and allergenic substances.

Short notes   **(14x5=70)**

4. Glycoalkaloid.

5. Write the biological source, method of preparation, identification tests and uses of maltase enzyme.

6. Explain biogenesis of secondary metabolites by acetate mevalonate pathway

7. Write the biological sources, chemical constituents, uses and chemical tests for coffee and pilocarpine.

8. Write a note on percolation and maceration methods of extraction.

9. Explain the difference between TLC and paper chromatography.

10. Write the vernacular name, biological source, pharmacological uses and marketed formulations of amla and shilajit.

11. Cultivation, collection and uses of opium.

12. Describe the method of preparation of asava.

13. Microscopy of datura.

14. Write biological sources, chemical constituents, uses and marketed formulations of apamarg and brahmi.

15. Morphology of stropanthus and nuxvomica.

16. Write the biological sources, chemical constituents, uses and chemical tests for tobacco and veratrum.

17. Pharmacognosy of ginseng.

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CORRECTION / NO-CORRECTION FILE

QPCODE: 306006   **Dated: 26-05-2023**

There are no corrections in today's question paper.

This matter to be announced by the Chief Supdt./Invigilator and get the signature of two students - one from the front row and one from the back row, as a proof of this announcement.

(Sd/-)

CONTROLLER OF EXAMINATIONS