

2010 Scheme

Q P CODE: 306006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations March 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 the biological source, morphology, microscopy, chemical constituents, and uses of Senna.
2. Explain Supercritical Fluid extraction method with its advantages and disadvantages.
3. Discuss the principle of Ayurveda. Explain the method of preparation of bhasma.

Short notes

(14x5=70)

4. Maceration and percolation.
5. Explain about cardiac glycosides.
6. Microscopy of Nuxvomica.
7. Discuss the biological source, cultivation, collection, chemical constituents and uses of cinchona.
8. Explain the principles of chromatography.
9. Differentiate Borntager's and modified borntrager's test
10. Explain the biological source, method of preparation, chemical constituents and uses of gelatin.
11. Discuss on Tracer technique.
12. Write the biological source, pharmacological uses and marketed formulations of tylophora and amla.
13. Source, method of preparation and uses of papain.
14. Write a note on any two cardiovascular agents from marine source.
15. What are alkaloidal amines. Give examples.
16. Explain the biosynthesis of aromatic amino acids.
17. Neem.
