

# **2010 Scheme**

**QP CODE: 403006**

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

## **Final Year B.Pharm Degree Supplementary Examinations December 2022 Pharmacognosy – III**

**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 Diagrams wherever necessary*

**Essays**

**(3x10=30)**

1. Define glycosides. Discuss in detail chemistry and biosynthesis of any two cardiac glycosides
2. Describe Biodiversity and its conservation. Note on threats to biodiversity
3. Discuss various standards for herbal formulations. Describe adulteration of crude drugs

**Short notes**

**(14x5=70)**

4. Chemistry and Biogenesis of Sesquiterpenes
5. Concept of stereoisomerism using natural products examples
6. Biogenesis of lignans and quassinoids
7. A brief note on role of medicinal plants in national economy
8. Applications of plant tissue culture in Pharmacognosy
9. Biogenesis of Reserpine
10. Gene mapping of plants
11. Note on herbal drug technology
12. Endangered species of India
13. Describe biogenesis of Sennosides
14. Pharmacological activity of Papavarine and Ephedrine
15. Note on DNA finger printing
16. Herbaceous health foods
17. Nutritional requirements of tissue culture

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