

# **2010 Scheme**

**QP CODE: 403006**

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

**Final Year B.Pharm Degree Supplementary Examinations  
September 2023  
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. What are alkaloids. Describe the chemistry and pharmacological activities of Vinca.
2. Discuss in detail about the WHO guidelines in evaluation of crude drugs.
3. Define flavanoids. Write a detailed note on chemistry and biogenesis of flavanoids

**Short notes**

**(14x5=70)**

4. Biogenesis and pharmacological activities of monoterpenes
5. World-wide trade in medicinal plants with special reference to Taxol
6. Spectral approaches to simple molecules of natural origin
7. Role of aromatic plants in national economy of India
8. Write a note on types of plant tissue culture
9. Biosynthesis of Diosgenin
10. Note on transgenic plants
11. Chemistry and pharmacological activities of quinine
12. Describe germ plasm conservation
13. Describe biosynthesis of Digoxin
14. Biogenesis of Ergot
15. Note on Totipotency
16. A brief note on herbal cosmetics
17. Development of herbal formulations

\*\*\*\*\*