

# **2012 scheme**

**QP CODE: 413006**

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

## **Final Year B.Pharm Degree Supplementary Examinations April 2025 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. Discuss on various types and methods of adulteration of crude drugs with examples
2. Discuss the chemistry, biogenesis and pharmacological action of Atropine
3. Elaborate on the role of herbal drug industries in the Nation development. Add a note on the trade aspects of Aloe and Digitalis

### **Short notes**

**(14x5=70)**

4. Methods of gene transfer technique
5. Classify herbal cosmetics with examples
6. Evaluation of crude drugs
7. Chemical methods to establish structure of natural molecules
8. Biogenesis of a known monoterpene
9. In-situ conservation of medicinal plants
10. Discuss on various types of plant tissue culture techniques
11. Stereoisomerism in compounds of natural origin
12. Chemistry and Pharmacological function of Ephedrine
13. Significance and limitations of herbal drug patenting
14. Write biological source, chemical constituents and health benefits of any two herbaceous health foods.
15. Chemistry and Pharmacological function of Ergot alkaloids
16. Evaluation of herbal formulations
17. Describe the world-wide trade of liquorice

\*\*\*\*\*