

# **2012 scheme**

**QP CODE: 413006**

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

## **Final Year B.Pharm Degree Supplementary Examinations July 2021**

### **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 the chemistry, biogenesis and pharmacological activity of Ergot alkaloids.
2. Explain world-wide trade in Medicinal plants and derived products with special reference to Aloe, Rauwolfia, Liquorice and Senna
3. Adulteration of crude drugs. Discuss various methods used in the adulteration of crude drugs and explain how the adulterants are identified as per WHO guidelines

**Short notes**

**(14x5=70)**

4. DNA Finger printing in plant analysis
5. Classification of Herbal cosmetics in the cosmetics market with examples.
6. Biogenesis of Quinine
7. Gene mapping in plants
8. Source, Chemistry and Pharmacological activity of Atropine
9. Procedure for patenting of Herbal drugs
10. Analysis of Herbal Drugs by using HPTLC.
11. Impact of aromatic plants in national economy
12. Biosynthesis of a monoterpene compound with pharmacological significance.
13. Germ plasm conservation
14. Chemistry and pharmacological activity of Vinca alkaloids
15. Chemistry of Quassinooids
16. Herbal Health Foods.
17. Biogenesis of Digoxin

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