

QP Code: 107330

Reg No:

First Year M.Pharm Degree Examinations- February 2013

(2011 Admn- New Scheme)

(Pharmacognosy & Phytochemistry)

Paper III- Applied Pharmacognosy and Plant Biotechnology

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x20 =40)

1. What are the methods of screening for CNS activity of herbal extracts
2. What are the requirements of plant tissue culture and its role in the production of secondary metabolites

Short Essays:

(6x10=60)

3. Explain the screening methods used for testing antifertility activity of plant drugs
4. What are the cGMP requirements for manufacture of herbal formulations
5. Explain the adverse effects of herbal drugs
6. Explain immobilization techniques and mention its applications
7. Explain the role of elicitors and precursors in the tissue culture production of biomedicines
8. Discuss briefly about synthetic seeds
