

QP Code: 107330

Reg No:

First Year M.Pharm Degree Examinations– September 2014

(2011 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. Describe the role of biotransformation and immobilization in the production of secondary metabolites of medicinal importance.
2. Explain the good manufacturing practices in the development of herbal formulations.

Short Essays:

(6x10=60)

3. Methods of screening medicinal plant extracts/formulations for anti inflammatory activity.
4. Explain the effects of herbal drugs on GIT.
5. Procedures for patenting of herbal drugs.
6. DNA recombinant techniques and its significance.
7. Effect of various elicitors in the production of bio-medicinals
8. Applications of fermentation technology in pharmaceutical industry
